

Oregon Coast Community College

2021-22 Catalog

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## General Information

# 2021-2022 Academic Calendar

## Summer 2021

Term length: 8 weeks

May 11, 2021	Schedules Available
May 18, 2021	Registration Opens for Returning Students
June 17, 2021	Payment Deadline
June 21, 2021	Classes Begin
June 20, 2021	Last Day to Add a Class Without Instructor Permission
June 26, 2021	Last Day to Add a Class With Instructor Permission
June 26, 2021	Last Day to Drop a Class With a Refund*
June 25, 2021	Last Day to Submit an Audit Request
July 24, 2021	Last Day to Withdraw Without a Refund*
July 23, 2021	Last Day to select the P/NP Grading Option
August 9-14, 2021	Finals Week
August 14, 2021	End of Term
August 17, 2021	Grades Available in My.OregonCoast Account
Between Term Break (College Open)	Spring-Summer Break June 14-18, 2021, Late Summer break August 16- September 24, 2021
Independence Day - Observed July 5, 2021	College Closures (Holidays & In-Service)
Labor Day September 6, 2021	College Closures (Holidays & In-Service)
All OCCC locations are closed Fridays starting the week of June 21st through the week of September 6th, 2021	College Closures (Holidays & In-Service)

## Fall 2021

Term Length: 11 Weeks

May 11, 2021	Schedules Available
May 18, 2021	Registration Opens for Returning Students
May 20, 2021	Registration Opens for New Students
September 24, 2021	Payment Deadline
In-Service September 20-23, 2021	College Wide Events

September 27, 2021	Classes Begin
September 26, 2021	Last Day to Add a Class Without Instructor Permission
October 2, 2021	Last Day to Add a Class With Instructor Permission
October 2, 2021	Last Day to Drop a Class With a Refund*
October 1, 2021	Last Day to Submit an Audit Request
November 20, 2021	Last Day to Withdraw Without a Refund*
November 19, 2021	Last Day to select the P/NP Grading Option
December 6-11, 2021	Finals Week
December 11, 2021	End of Term
December 14, 2021	Grades Available in My.OregonCoast Account
Late Summer Break August 16-September 24, 2021, Winter Break December 13-22, 2021	Between Term Break (College Open)
Veterans' Day Observed November 11, 2021	College Closures (Holidays & In-Service)
Thanksgiving Day November 25, 2021	College Closures (Holidays & In-Service)
Day After Thanksgiving November 26, 2021	College Closures (Holidays & In-Service)
Winter Holidays December 24, 2021 - January 3, 2022	College Closures (Holidays & In-Service)

## Winter 2022

Term Length: 11 Weeks

November 16, 2021	Registration Opens for Returning Students
November 18, 2021	Registration Opens for New Students
January 7, 2022	Payment Deadline
January 10, 2022	Classes Begin
January 9, 2022	Last Day to Add a Class Without Instructor Permission
January 15, 2022	Last Day to Add a Class With Instructor Permission
January 15, 2022	Last Day to Drop a Class With a Refund*
January 14, 2022	Last Day to Submit an Audit Request
March 5, 2022	Last Day to Withdraw Without a Refund*
March 4, 2022	Last Day to select the P/NP Grading Option
March 21 - 25, 2022	Finals Week
March 26, 2022	End of Term
March 29, 2022	Grades Available in My.OregonCoast Account
Spring Break March 28 - April 1, 2022	Between Term Break (College Open)
New Year's Eve December 31, 2021, New Year's Day January 1, 2022	College Closures (Holidays & In-Service)
Martin Luther King Jr. Day January 17, 2022	College Closures (Holidays & In-Service)

Presidents' Day February 21, 2022

College Closures (Holidays & In-Service)

## Spring 2022

Term Length: 11 Weeks

February 3, 2022	Schedules Available
February 15, 2022	Registration Opens for Returning Students
February 17, 2022	Registration Opens for New Students
April 1, 2022	Payment Deadline
April 4, 2022	Classes Begin
April 3, 2022	Last Day to Add a Class Without Instructor Permission
April 9, 2022	Last Day to Add a Class With Instructor Permission
April 9, 2022	Last Day to Drop a Class With a Refund*
April 8, 2022	Last Day to Submit an Audit Request
May 28, 2022	Last Day to Withdraw Without a Refund*
May 27, 2022	Last Day to select the P/NP Grading Option
June 13-18, 2022	Finals Week
June 18, 2022	Commencement
June 18, 2022	End of Term
June 21, 2022	Grades Available in My.OregonCoast Account
Spring Break March 28-April 1, 2022, Spring-Summer break June 20-24, 2022	Between Term Break (College Open)
Spring In-Service April 12, 2022	College Closures (Holidays & In-Service)
Memorial Day May 30, 2022	College Closures (Holidays & In-Service)

## About OCCC General Information

### College Contact Information and Campus Locations

#### Central County Campus

400 SE College Way

Newport, OR 97366

541-265-2283

FAX: 541-265-3820 (Administration)

FAX: 541-867-8559 (Student Services)

Business Hours: Monday - Friday: 8am - 5pm (Summer term the campus is closed on Fridays)

#### North County Center

3788 SE High School Drive

Lincoln City, OR 97367 541-996-6222

FAX 541-996-4958

Business Hours: Monday - Friday: 8am - 5pm (Summer term the center is closed on Fridays)

#### South County Center

3120 Crestline Drive

Waldport, OR 97394

541-563-4502

FAX 541-563-4502

Business Hours: Varies, call the Central County Campus for information.

## Vision, Mission and Values

[www.oregoncoast.edu/mission/](http://www.oregoncoast.edu/mission/)

### Vision

Shaping the Future Through Learning

### Mission

At Oregon Coast Community College, we equip students for success by providing educational pathways and supports in response to the diverse needs of our community. Through accessible and engaging programs and a commitment to equitable outcomes, we enrich the economic and civic vitality of Lincoln County and beyond.

### Values

The Board of Education, administration, faculty, staff and students of Oregon Coast Community College commit to these values:

#### Accountability

We accept responsibility for our actions and commit to transparent practices.

#### Collaboration

We purposefully build partnerships to achieve common goals.

#### Excellence

We hold ourselves to the highest standards and are committed to continuously improving the work we do.

#### Inspiration

We show curiosity, illuminate new possibilities and ignite the joy of thinking well.

## Integrity

We act with honesty and authenticity to foster a culture of ethics and respect that embodies our work and serves the community.

## Learning

We celebrate the life-long process of developing valuable knowledge and skills.

## Sustainability

We are responsible stewards of our financial, material, natural and human resources.

## Equity

We embrace diversity and address the inequities and barriers that prevent people from learning and working to their full potential.

# Core Themes

Oregon Coast Community College fulfills its mission through its core themes (see below):

## Core Theme: Student Success

Objective: OCCC will improve post-secondary educational attainment across Lincoln County and close achievement gaps for underserved populations in our community.

Definition: At Oregon Coast Community College, we equip students for success in college and in life by providing exemplary teaching, student development programs and support services. Students receive customized and relevant advising and enriched supports to maximize completion and success. In response to the diverse needs and histories of our community we are institutionalizing a philosophy of student success and strengthening the College's policies, processes, and business practices to facilitate access and completion.

## Core Theme: Educational Pathways

Objective: OCCC will offer rigorous and engaging academic programs and educational options comprised of clear pathways to transfer, employment and self-development that enrich individual lives and promote the economic and civic vitality of Lincoln County and beyond.

Definition: At Oregon Coast Community College, we assess the needs of individuals and employers, and respond by designing pathways and partnerships that address community and regional priorities. We create bridges into our pathways from high school, adult education, non-credit, and other feeders. Educational

pathways are accessible through place and modality, and facilitate transitions to transfer or employment. We strengthen the economy and workforce through our business development, career technical and transfer programs. By narrowing achievement gaps in post-secondary education and raising post-secondary educational attainment, we advance the economic and civic vitality of Lincoln County and beyond.

# Comprehensive Institutional Learning Outcomes (CILOs)

OCCC defines Comprehensive Institutional Learning Outcomes (CILOs) as "*The knowledge, skills, abilities, and attitudes that all students in 2-year degree programs are expected to develop as a result of the intentional design and delivery of curriculum by College faculty.*"

The College has designated four Comprehensive Institutional Learning Outcomes:

- Written and Oral Communication;
- Cultural Awareness;
- Problem-Solving Skills; and
- Personal Responsibility

The breadth of a Comprehensive Institutional Learning Outcome means that the knowledge or skill set it represents is contributed to by a cross-disciplinary group of courses. Evaluation of student achievement of these comprehensive outcomes invites collaboration among faculty across disciplines and programs, providing the strongest opportunity for meaningful discussion, understanding of student learning, and program improvement.

# Accreditation

<https://oregoncoast.edu/accreditation-status-of-occc-programs-and-services/>

Oregon Coast Community College is accredited by the Northwest Commission on Colleges and Universities. Accreditation of an institution of higher education by the Northwest Commission on Colleges and Universities indicates that it meets or exceeds criteria for the assessment of institutional quality evaluated through a peer review process. An accredited college or university is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation. Accreditation by the

Northwest Commission on Colleges and Universities is not partial but applies to the institution as a whole. As such, it is not a guarantee of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution. Inquiries regarding an institution's accredited status by the Northwest Commission on Colleges and Universities should be directed to the administrative staff of the institution. Individuals may also contact: Northwest Commission on Colleges and Universities 8060 165th Avenue N.E., Suite 100 Redmond, WA 98052 (425) 558-4224 [www.nwccu.org](http://www.nwccu.org).

Oregon Coast Community College was recognized as independently accredited by the NWCCU in February 2020. The links below provide a comprehensive history of the institution's journey towards, and achievement of, independence. The College submitted its Ad Hoc Report to the NWCCU in April 2021, and will host a mid-cycle review in Fall 2022. Direct questions about OCCC's accreditation status to [officeofinstruction@oregoncoast.edu](mailto:officeofinstruction@oregoncoast.edu).

## Equal Opportunity Statement and Non-Discrimination

The College prohibits unlawful discrimination based on race, color, religion, national origin, sex, marital status, disability, veteran status, age, sexual orientation, or any other status protected by federal, state, or local law in any area, activity or operation of the College. The College also prohibits retaliation against an individual for engaging in activity protected under this policy, and interfering with rights or privileges granted under anti-discrimination laws. In addition, the College complies with applicable provisions of the Civil Rights Act of 1964 (as amended), related Executive Orders 11246 and 11375, Title IX of the Education Amendments Act of 1972, Section 504 of the Rehabilitation Act of 1973, Americans with Disabilities Act of 1990 (as amended), Uniformed Services Employment and Reemployment Rights Act ("USERRA"), and all local and state civil rights laws. Under this policy, equal opportunity for employment, admission, and participation in the College's programs, services, and activities will be extended to all persons, and the College will promote equal opportunity and treatment through application of this policy and other College efforts designed for that purpose.

Persons having questions about equal opportunity and nondiscrimination should contact either:  
[Vice President Student Affairs, Dr. Andres Oroz](#) or [Human Resources Manager Joy Gutknecht](#)

Questions can also be mailed to their attention at:  
[400 SE College Way, Newport, OR 97366](#).

For more information, consult [Board Policy 301](#).

## OCCC Foundation

<http://www.oregoncoast.edu/foundation/>

### Mission and Purpose

The Mission of the Oregon Coast Community College Foundation is to advance educational opportunities at OCCC by raising funds for college needs and increasing public awareness of the College and its many benefits. The Foundation fulfills its mission by securing private donations, applying for grants, holding special events and fundraisers, stewarding resources, and administering special programs, such as the OCCC Foundation Scholarship program. Goals and objectives of the OCCC Foundation include providing:

Student aid in the form of scholarships. For more information: <http://www.oregoncoast.edu/scholarships>

Funds to help the College in technology advancements and equipment

Funds to strengthen programs, such as Business, Teaching, Nursing and Aquarium Science

An Annual Campaign to support unrestricted funding

Funds to assist with program development

Capital funds to support campus development/improvements

Endowed funds to secure the future of Oregon Coast Community College

### Background

The Foundation received its non-profit, tax exempt status from the State of Oregon in 2000. Gifts to the Foundation are gifts of knowledge that help build a better future for Lincoln County through an educated citizenry. Donations qualify as charitable contributions and may be tax-deductible. The Foundation helps to ensure growth and stability for the College, thus ensuring the future of higher education in Lincoln County.

The OCCC Foundation Board and staff work closely with the College President and the elected Board of Education to raise funds for college priorities. The College supports Foundation operations by providing office space and partial funding for equipment, materials, supplies, and staff salaries. The support provided by the College is essential in ensuring that the majority of donor contributions directly support students, programs, and other College needs that are not possible through the College's general operating budget. Individual Board members support the Foundation by contributing financial resources as well as individual expertise. Members serve as community ambassadors to enhance the College's relations with the community. Members also actively participate in fund-raising efforts and College events.

#### OCCC Foundation Board Members: 2021-2022

Adam Springer, Board President  
David Bigelow, Treasurer  
David Robinson, Secretary  
Nancy Osterlund, Board of Education Liaison  
Chris Boyle  
David Gomberg  
Julie Hanrahan  
Gloria Ingle  
Lesley Ogden  
Annette Mulee  
Billie Jo Smith  
Steve Spector  
Sandi Williams

Birgitte Ryslinge, OCCC President, serves as an ex-officio, non-voting member of the Foundation Board.

Andi Spirtos, Foundation Coordinator serves as the Director of Development, and non-voting member of the Foundation Board. The Foundation office is located:

Central County Campus  
400 SE College Way  
Newport, OR 97366  
541-867-8531  
[foundation@oregoncoast.edu](mailto:foundation@oregoncoast.edu)

## Admissions and Registration

### Admissions

<https://www.oregoncoast.edu/apply/>

Applying for admission to Oregon Coast Community College is fast, easy, and free. High school graduates or non-high school graduates 16 years or older, are eligible for admissions to Oregon Coast Community College.

In order to receive Title IV financial aid a student must be fully admitted to OCCC in an eligible program, meet the age of compulsory attendance in Oregon, and have a high school diploma or GED.

Although OCCC has an open admissions policy, our limited entry programs (Aquarium Science, Medical Assisting, Nursing, and Nursing Assistant) have specific entrance requirements. Visit that program's web page to view their specific requirements.

The policy of OCCC is that all persons regardless of color, gender, sexual orientation, race, religion, creed, or disability have access to higher education. Students under 16 years of age may enroll in accordance with the Underage Student Admission Policy. Students desiring to appeal an admissions decision may pursue the [Conflict Resolution \(Student Grievance Procedure\) Policy 835](#). Some programs may have specific admission policies and procedures. General admission to the college does not preclude students from course or program placement requirements.

Lack of English language skills will also not be a barrier to admission and participation in the College's CTE programs.

### Residency Requirements

Residency requirements must be met prior to the date the term begins. Out-of-state students are assessed at a higher tuition rate. States that border Oregon are considered in-state for tuition purposes.

OCCC reserves the right to ask students to provide proof of residency. Establishing proof of residency may include a driver's license, rental contract, utility payment records, and/or voter registration card. On an individual basis, other forms of proof may be utilized in the residency determination process. The initial residency status of each applicant is determined at the time of application.

Students seeking a change in their residency status should contact the Registrar at 541-867-8538. There is no residency requirement for distance education and non-credit courses.

(Note: A person eligible for benefits under the federal Post-9/11 Veterans Educational Assistance Act of 2008 (38 U.S.C Section 3301 et seq.) or any other federal law



authorizing educational benefits to veterans shall be entitled to Oregon resident status for purposes of tuition and fees charged at Oregon Coast Community College.)

## Underage Student Admissions Policy

<http://oregoncoast.edu/underage-admission>

### Admission for students under the age of 16

Students under 16 years of age with college-level academic ability and the maturity and personal skills required for a successful college experience may be provisionally admitted to OCCC. The college reserves the right to request additional information and/or deny any underage admission.

#### Requirements for admission of students under the age of 16

1. *Currently enrolled in a high school registered with the State of Oregon*

Students under age 16 attending a secondary school registered with the State of Oregon who are not enrolled as a dual credit student through their high school as part of an articulated agreement, or have not graduated from high school, will be required to:

1. file an under 16 enrollment form
2. submit a current academic transcript
3. take the college placement test
4. student and parent/guardian will meet with the Vice President of Student Affairs or designee
5. meet with an OCCC academic advisor
6. complete the Success Agreement

2. *Currently enrolled home school students*

Students under age 16 attending home school or an unregistered secondary school will be required to:

1. file an under 16 enrollment form
2. provide a copy of the confirmation letter received after notifying the local educational service district of the intent to home school
3. provide a current home school academic transcript showing successful completion of the State of Oregon's 8th-grade test for home school students
4. student and parent/guardian will meet with the Vice President of Student Affairs or designee

5. meet with an OCCC academic advisor
6. complete the Success Agreement

#### Further Considerations and Information

After review of the under 16 enrollment form and other documentation as required, students under the age of 16 may attend OCCC if:

- participation will not likely create a health or safety risk for any person or be in violation of federal or state statutes or regulations;
- the student has the ability to benefit from college-level instruction;
- another more age-appropriate, instructional resource is not available, and
- the student demonstrates the ability to perform academically at the college level (RD 115 and WR 115)
- enrollment is limited to 8 credits per term
- The following deadlines to complete the underage admissions process:
  - Summer—May 15
  - Fall—August 15
  - Winter—November 30
  - Spring—March 1
- Students will be notified of their admissions status within 10 working days following their meeting with the Vice President of Student Affairs or designee. If approved, the notification letter will include directions on how to proceed with registering for classes.

NOTE: Students under the age of 16 may enroll in **non-credit classes** as long as a parent/guardian enrolls with them. No special paperwork is needed.

## How to Become Admitted and Registered as a:

[New Student](#)

[Transfer Student](#)

[Returning Student](#)

### New Student

Note: OCCC will create a college email account for students within three (3) business days from admissions. When this email account is created students will receive login instructions. Email is OCCC's official means of communication and all future written communication will

be sent to a student's @oregoncoast.edu email address once it is created. It is important that students are prompt in accessing this email account.

### Step 1: Get Admitted to OCCC

Apply online at  
<https://oregoncoast.edu/apply/>

### Step 2: Individual Advising Appointment

Make a one-hour appointment with an academic advisor using OCCC's online scheduling tool at <https://oregoncoast.edu/advising/> to discuss educational and career plans and which classes to start with. Please bring as the following materials to the appointment (if available):

- High School Transcripts
- ACT and/or SAT Scores
- GED Scores
- Smarter Balanced Scores
- Advanced Placement (AP) Subject Area Test Scores
- International Baccalaureate (IB) Test Scores
- Readiness to talk about your aspirations
- A list of questions to discuss

### Step 3: Attend the Advising Appointment scheduled in step 2

Keep the appointment. At this one-on-one meeting with an academic advisor, students will receive:

- Financial Aid Information
- Academic Planning
- Referrals to other services at the College
- Testing
- Disability Services
- Career and Transfer Planning

### Step 4: Attend an Academic Orientation

(Required for all new credit students.)

At Academic Orientation, students will learn more about important services the College provides, College policies, and how to be successful.

### Step 5: Register for the classes selected during the individual advising appointment and Academic Orientation.

Registration is completed online. Students login to [My.OregonCoast](#) account to register for classes. Registration dates can be found on the academic calendar.

### Step 6: Pay tuition and fees

After registering, tuition and fees can be paid online through the student's [My.OregonCoast](#) account, by calling 541-867-8551, or in person at Student Services. Information about payment options and the Tuition and Fees Schedule can be found at <https://oregoncoast.edu/tuition-and-fees/>.

Additional helpful information for New Students is below:

#### Financial Aid Information

Students can login to their [My.OregonCoast](#) account and choose My Financial Aid from the student resources menu.

Students with questions or concerns regarding financial aid can contact the financial aid specialist at [finaid@oregoncoast.edu](mailto:finaid@oregoncoast.edu) or call 541-867-8503.

#### Buy Books and Supplies

Your College Store has everything students need to begin their college career!

Students can find what books are required for their courses by visiting the bookstore or going to <http://oregoncoast.edu/bookstore> and looking at the book list for a specific term.

#### Transfer Student

Note: OCCC will create a college email account for students within three (3) business days from admissions. When this email account is created students will receive login instructions. Email is OCCC's official means of communication and all future written communication will be sent to a student's @oregoncoast.edu email address once it is created. It is important that students are prompt in accessing this email account.

### Step 1: Get Admitted to OCCC

Apply online at  
<https://oregoncoast.edu/apply/>

### Step 2: Submit your Official Transcripts from all Colleges Previously Attended

It is important for students to request official transcripts from all colleges previously attended so they are placed into the correct courses here at OCCC. Please have those mailed to

Registrar  
Oregon Coast Community College  
400 SE College Way  
Newport, Oregon 97366

Students taking classes solely for personal enrichment, please ask an Academic Advisor what transcripts are needed.

### Step 3: Individual Advising Appointment

Schedule an appointment using OCCC's online scheduling tool at <https://oregoncoast.edu/advising/>.

### Step 4: Register for the Classes Selected at the individual Advising Appointment

Registration is completed online. Students login to [My.OregonCoast](#) account to register for classes. Registration dates can be found on the academic calendar.

### Step 5: Pay Tuition and Fees

After registering, tuition and fees can be paid online through the student's [My.OregonCoast](#) account, by calling 541-867-8551, or in person at Student Services. Information about payment options and the Tuition and Fees Schedule can be found at <https://oregoncoast.edu/tuition-and-fees/>.

Additional helpful information for New Students is below:

#### Financial Aid Information

Students can login to their [My.OregonCoast](#) account and choose My Financial Aid from the student resources menu. Students with questions or concerns regarding financial aid can contact our financial aid specialist at [finaid@oregoncoast.edu](mailto:finaid@oregoncoast.edu) or call 541-867-8503.

#### Buy Books and Supplies

Your College Store has everything students need to begin their college career!  
Students can find what books are required for their courses by visiting the bookstore or going to <http://oregoncoast.edu/bookstore> and looking at the book list for a specific term.

### Returning Student

Note: If a returning student does not have a college issued email account, OCCC will create one within three (3) business days from readmission. When this email account is created students will receive login instructions. Email is OCCC's official means of communication and all future written communication will

be sent to a student's [@oregoncoast.edu](mailto:@oregoncoast.edu) email address once it is created. It is important that students are prompt in accessing this email account.

### Step 1: Get Readmitted to OCCC

Apply online at  
<https://oregoncoast.edu/apply/>

### Step 2: Individual Advising Appointment

Schedule an appointment using OCCC's online scheduling tool at <https://oregoncoast.edu/advising/>.

### Step 3: Register for the Classes You Selected during the individual advising appointment

Registration is completed online. Students login to [My.OregonCoast](#) account to register for classes. Registration dates can be found on the academic calendar.

### Step 4: Pay Tuition and Fees

After registering, tuition and fees can be paid online through the student's [My.OregonCoast](#) account, by calling 541-867-8551, or in person at Student Services. Information about payment options and the Tuition and Fees Schedule can be found at <https://oregoncoast.edu/tuition-and-fees/>.

Additional helpful information for Returning Students is below:

#### Financial Aid Information

Students can login to their [My.OregonCoast](#) account and choose My Financial Aid from the student resources menu.  
Students with questions or concerns regarding financial aid can contact the financial aid specialist at [finaid@oregoncoast.edu](mailto:finaid@oregoncoast.edu) or call 541-867-8503.

#### Buy Books and Supplies

Your College Store has everything students need to begin their college career!  
Students can find what books are required for their courses by visiting the bookstore or going to <http://oregoncoast.edu/bookstore> and looking at the book list for a specific term.

### Registration: Adding, Dropping or Withdrawing from a Class

All registration activity for credit students is accomplished via the myOCCC student portal. Students may add classes to their schedules during open

registration periods until the start of each term if an academic advisor has cleared them for registration. Students may add classes with instructor permission during the late add period which coincides with the first week of each term. Instructors may provide students a permission code for the student to use to register. Students may drop classes and receive a full refund of tuition and fees until the deadline published in the [academic calendar](#).

Removing a credit class after the first week of the term is called a withdrawal and will result in a "W" on the official transcript. There are no refunds for withdrawals. Adding, dropping, and withdrawing affect enrollment level status and may affect financial aid eligibility.

## Enrollment Level

Full-time students at Oregon Coast Community College are those who register for 12 or more credits per term. Students who register for less than 12 credits in a term are part-time. All enrollment statuses are listed below:

12 or more credits--full-time enrollment

9-11 credits — three-quarter time enrollment

6-8 credits — half-time enrollment

1-5 credits — less than half-time enrollment

Enrollment status can affect eligibility for financial aid, veterans benefits, and scholarships.

## Free Tuition for Credit Classes for County Residents Aged 65 and Better

<http://www.oregoncoast.edu/seniorwaiver/>

Students who are aged 65 or above get free tuition for credit classes when taken for an audit grading option. Auditing is taking a class without receiving a grade or credit. This tuition waiver is available on a space available basis and does not cover any fees. Many classes fill up early, so space is not guaranteed. The only way to secure a spot in a class is to register early and pay full tuition. Auditing students must be registered for eight credits or less per term. Not all courses are eligible for the audit grading option.

## Programs for High School Students

<http://www.oregoncoast.edu/high-school-students/>

[Navigate Program](#)

[Dual Credit Program](#)

[Expanded Options Program](#)

[Early College Program](#)

Oregon Coast Community College offers a variety of options for High School students to participate in college courses and learn about the culture of college.

### Navigate Program

The Oregon Coast Community College Navigate Program serves as an umbrella program designed to inspire, inform, guide, and support students finding their way to – and successfully through – higher education. The Navigate Program supports Lincoln County students and families beginning in the 8<sup>th</sup> grade and continuing through completion of community college and on to employment or transfer. The Navigate Program maintains two key strategic initiatives:

1. Connect and enhance existing outreach and support activities across partners to encourage more students to complete high school and enter higher education.
2. Provide direct support and increase retention and success of first-generation and low-income students who enroll at OCCC.

Contact Ben Kaufmann, Navigate Program Manager, at [ben.kaufmann@oregoncoast.edu](mailto:ben.kaufmann@oregoncoast.edu) for more information.

### Dual Credit Program

Through OCCC's dual credit agreement with the Lincoln County School District, students may earn OCCC credits while they currently are enrolled in high school. Students who take high school courses equivalent to OCCC courses may qualify for OCCC credits in college- approved professional/technical courses. High school students should consult their high school counselors for more information.

### Expanded Options Program

The Expanded Options Program helps students get a head start on college, at considerable savings, while they are still in high school. Under an agreement between

Lincoln County School District (LCSD) and Oregon Coast Community College (OCCC), eligible and admitted LCSD juniors and seniors may take OCCC college courses at the College or online through the College, and receive simultaneous college and high school credit. Interested persons should speak to their high school counselor for more information.

## Early College Program

The faculty, staff, and administration at Oregon Coast Community College (OCCC) want to ensure that all Lincoln County High School juniors and seniors who are "College Ready" have the opportunity to begin their post-secondary education and become successful college students. OCCC's Early College Program is committed to serving students in the community, including students of color, first-generation and low-income individuals.

Benefits of Early College include:

- Earn high school and college credits concurrently (high school credit is granted at the discretion of the high school you attend)
- Get a head start on academic and career goals  
Experience the academic rigor of college classes
- Save time and money

Students in Early College are Juniors and Seniors in high school that are mature enough socially, emotionally and educationally to operate in the adult college setting. Juniors and Seniors from Lincoln County School District including home schools and charter schools are eligible. All students must demonstrate they are college-ready. College ready is defined as placing into 100-level courses.

Tuition is at no cost to each student. Students are required to pay for fees and books. Limited scholarships are available. Additionally, students must provide their own transportation or use public transportation to attend OCCC.

### To enter the Early College Program:

1. Complete an admission application by starting here: <http://www.oregoncoast.edu/student-resources/>
2. Make an appointment with an OCCC academic advisor using our online appointment tool <http://www.oregoncoast.edu/advising-appointments/> to discuss placement into classes. Please bring your high school transcript to this appointment.
3. Attend the REQUIRED Early College Program orientation at one of the following dates and times

(Note: This orientation is not required for previously enrolled Expanded Options students. Students will register for classes using the My.OregonCoast student portal during this orientation.)

Students can register for one class per term tuition free and students will receive a 50% tuition reduction for additional classes taken in a term. Students may take up to 5 classes (one per term) through the Early College Program. Students are limited to three OCCC online classes through the Early College Program.

Subject	Title
AQS100	Introduction to Aquarium Science
ART102	Understanding the Visual Arts
ART103	Understanding New Media Arts
ART115	Basic Design - 2D Foundations
ART116	Basic Design - Color Foundations
ART117	Basic Design - 3D Foundations
ART131A	Drawing I
ART131B	Drawing I
ART131C	Drawing I
ART181A	Painting I
ART181B	Painting I
ART181C	Painting I
ART197	Artist's Skills/Practical Issues
ART204	History of Western Art
ART205	History of Western Art
ART206	History of Western Art
ART207	History of Asian Art (India)
ART208	History of Asian Art (China)
ART209	History of Asian Art (Japan)
ART210	Women In Art
ART213	Modern Art History - Art Since 1945
ART217	Comics Art & Literature
ART231A	Drawing II
ART231B	Drawing II
ART231C	Drawing II
ART237A	Life Drawing
ART237C	Life Drawing
ART253A	Ceramics I
ART253B	Ceramics I
ART253C	Ceramics I

ART256A	Ceramics II	BI102	Biology
ART256B	Ceramics II	BI103	Biology
ART256C	Ceramics II	BI112	Cell Biology for Health Occupations
ART270A	Printmaking I	BI141	Habitats: Life of the Forest
ART270B	Printmaking I	BI142	Habitats: Marine Biology
ART270C	Printmaking I	BI143	Habitats: Fresh Water Biology
ART271A	Printmaking II	BI211	Principles of Biology 1
ART271B	Printmaking II	BI212	Principles of Biology 2
ART271C	Printmaking II	BI213	Principles of Biology 3
ART277A	Life Painting	BI231	Human Anatomy & Physiology I
ART277B	Life Painting	BI232	Human Anatomy & Physiology II
ART277C	Life Painting	BI233	Human Anatomy & Physiology III
ART279A	Experimental Media	BI234	Microbiology
ART279B	Experimental Media	CAS133	Basic Computer Skills/MS Office
ART279C	Experimental Media	CAS170	Beginning Excel
ART281A	Painting II	CAS171	Intermediate Excel
ART281B	Painting II	CAS216	Beginning Word
ART281C	Painting II	CAS217	Intermediate Word
ART284A	Water Media I	CG100	College Survival & Success (HIGHLY RECOMMENDED)
ART284B	Water Media I	CH151	Preparatory Chemistry
ART284C	Water Media I	CH221	General Chemistry I
ART287A	Water Media II	CH222	General Chemistry II
ART287B	Water Media II	CH223	General Chemistry III
ART287C	Water Media II	CIS120	Computer Concepts I
ASL101	First Year American Sign Language I	COMM100	Introduction to Communication
ASL102	First Year American Sign Language II	COMM111	Public Speaking
ASL103	First Year American Sign Language III	COMM112	Persuasive Speaking
ATH101	Introduction to Biological Anthropology	COMM140	Introduction to Intercultural Communication
ATH102	Introduction to Archaeology and Prehistory	COMM214	Interpersonal Communication: Process & Theory
ATH103	Introduction to Cultural Anthropology	COMM215	Small Group Communication: Process and Theory
BA101	Introduction to Business	COMM228	Mass Communication & Society
BA111	Introduction to Accounting	EC201	Principles of Economics: Microeconomics
BA131	Introduction to Business Technology	EC202	Principles of Economics: Macroeconomics
BA206	Management Fundamentals	ECE120	Introduction to Early Education and Family
BA211	Principles of Accounting	ECE121	Observation & Guidance I
BA212	Principles of Accounting II	ECE122I	Environments & Curriculum for Infants & Toddlers
BA213	Managerial Accounting	ECE123P	Environments & Curriculum for Preschool
BA223	Principles of Marketing	ECE196	Teaming and Communication in ECE Settings
BA226	Business Law	ED120	Introduction to Early Education & Family
BI101	Biology	ED131	Applied Learning Theory



ED224	Foundations of Education	GEO106	World Regional Geography
ED251	Overview of Exceptional Learners	GEO206	Geography of Oregon
ENG197	Film Studies: Contemporary Themes and Genres	GS106	Physical Science (Geology)
ENG201	Shakespeare: Early Works	GS107	Physical Science (Astronomy)
ENG202	Shakespeare: Later Works	GS108	Physical Science (Oceanography)
ENG204	Survey of English Literature	GS109	Physical Science (Meteorology)
ENG205	Survey of English Literature	HE112	Standard First Aid & Emergency
ENG207	World Literature - Asian (India)	HE242	Stress and Human Health
ENG208	World Literature - Asian (China)	HE250	Personal Health
ENG209	World Literature - Asian (Japan)	HEC 201	Family Partnerships in Education
ENG212	Biography and Autobiography	HST101	History of Western Civilization: Ancient to Medieval
ENG213	Latin American Literature	HST102	History of Western Civilization: Medieval to Modern
ENG214	Literature of the Northwest	HST103	History of Western Civilization: Modern Europe
ENG216	Teen and Children's Literature	HST104	History of the Middle East
ENG222	Images of Women in Literature	HST105	History of India and South Asia
ENG230	Environmental Literature	HST106	History of China
ENG237	Working-Class Literature	HST107	History of Korea and Japan
ENG240	Introduction to Native American Literature	HST201	History of the United States to 1840
ENG244	Introduction to Asian-American Literature	HST202	History of the United States 1840-1914
ENG250	Introduction to Folklore and Mythology	HST203	History of the United States 1914 to Present
ENG253	American Literature to 1865	HST204	History of Women in the U.S.: Pre-colonial to 1877
ENG254	American Literature from 1865	HST205	History of Women in the U.S.: 1877 to Present
ENG257	African-American Literature	HST218	American Indian History
ENG258	African-American Literature	HST225	History of Women, Sex, and the Family
ENG260	Introduction to Women Writers	HST240	Oregon History
ENG261	Literature of Science Fiction	HST270	History of Mexico
ENG265	Literature of Social Protest	HST271	History of Central America and the Caribbean
ENG266	Literature of War	HST277	History of the Oregon Trail
ENG269	Wilderness Literature	HST279	Russian History II
ENG275	The Bible as Literature	HST285	The Holocaust
ESR171	Environmental Science: Biological Perspectives	JA103	Introduction to Media Writing
ESR172	Environmental Science: Chemical Perspectives	JN261A	Japanese Culture
ESR173	Environmental Science: Geological Perspectives	MP111	Medical Terminology
FN225	Nutrition	MTH105	Math in Society
G184	Global Climate Change	MTH111	College Algebra
G201	Earth Materials and Tectonics	MTH112	Elementary Functions
G202	Earth Surface Processes	MTH211	Foundations of Elementary Math I
G203	Evolution of Planet Earth	MTH212	Foundations of Elementary Math II
G207	Geology of the Pacific Northwest	MTH213	Foundations of Elementary Math III
G208	Volcanoes and Their Activity	MTH243	Statistics I

MTH244	Statistics II	SOC205	Social Change in Societies	
MTH251	Calculus I	SOC206	Social Problems	
MTH252	Calculus II	SOC213	Diversity in the United States	
MTH253	Calculus III	SPA101	First Year Spanish - First Term	
MTH254	Vector Calculus I	SPA102	First Year Spanish - Second Term	
MUS101	Introduction to Music (Basic Materials)	SPA103	First Year Spanish - Third Term	
MUS105	Music Appreciation	SPA201	Second Year Spanish - First Term	
MUS108	Music Cultures of the World	SPA202	Second Year Spanish - Second Term	
MUS110	Fundamentals of Music	SPA203	Second Year Spanish - Third Term	
MUS111	Music Theory I (part one)	WR121	English Composition	
MUS112	Music Theory I (part two)	WR122	English Composition	
MUS113	Music Theory I (part three)	WR123	English Composition	
MUS203	Introduction to Music and Its Literature	WR227	Technical & Professional Writing 1	
MUS205	Introduction to Jazz History	WR240	Creative Writing - Nonfiction	
MUS206	Introduction to the History of Rock Music	WR241	Creative Writing - Fiction	
MUS207	Introduction to the History of Folk Music	WR242	Creative Writing - Poetry	
PHL202	Ethics	WR246	Advanced Creative Writing - Editing & Publishing	
PHL209	Business Ethics	WS202	Women, Activism and Social Change	
PHY101	Force, Motion, and Energy		4	
PHY102	Atoms, Matter, and Heat	Designated transfer classes from the list below may be taken provided there is space available.		
PHY103	Sound, Light, and Electricity			4
PS201	U.S. Government		4	
PS202	U.S. Public Policy & Democracy	For more information about the Early College Program, email <a href="mailto:student.services@oregoncoast.edu">student.services@oregoncoast.edu</a> or call 541-867-8501.	4	
PS203	State and Local Government		4	
PS205	Global Politics: Conflict & Cooperation		4	
PSY101	Psychology & Human Relations	Non-credit Students: Community Education and Small Business Classes		
PSY201A	Introduction to Psychology - Part 1			4
PSY202A	Introduction to Psychology - Part 2			4
PSY213	Introduction to Behavioral Neuroscience	<a href="https://oregoncoast.edu/CommunityEd/">https://oregoncoast.edu/CommunityEd/</a>	4	
PSY214	Introduction to Personality	<a href="https://oregoncoast.edu/sbdc/">https://oregoncoast.edu/sbdc/</a>	4	
PSY215	Human Development		4	
PSY216	Social Psychology	Oregon Coast Community College offers a variety of continuing education options to Lincoln County residents. The College's Community Education features classes in topics ranging from acoustic guitar, to foreign language, to oil painting and much more. The OCCC Small Business Development Center (SBDC) regularly presents low-cost and free workshops and classes on topics ranging from social media marketing, accounting, business law and other topics. These non-credit courses are affordable and scheduled throughout each academic term.	4	
PSY222	Family & Intimate Relationships		4	
PSY231	Human Sexuality		4	
PSY232	Human Sexuality		4	
PSY236	Psychology of Adult Development and Aging		4	
PSY239	Introduction to Abnormal Psychology		4	
PSY240	Personal Awareness and Growth		4	
R210	World Religions		4	
SOC204	Sociology in Everyday Life		4	



Students can select and register for Community Education and Small Business by calling the Oregon Coast Community College North County Center at Lincoln City, at 541-994-6222 for Community Education classes or 541-994-4166 for SBDC classes.

## Basic Skills: GED Prep & Adult General Education Classes

### GED & Adult General Education Overview

<https://oregoncoast.edu/ged-class-schedule/>

GED and Adult General Education Classes help prepare adult learners for the GED Test as well as pre-college study. Skills learned in these courses can also lead students to entering college, meeting prerequisites for college classes, gaining employment opportunities, and improving skills needed in the workplace. Reading, writing, math, critical thinking, and general academic development are taught through a variety of means.

Passing the GED opens doors for higher-paying jobs and enrollment in community colleges, vocational or technical colleges, apprenticeship programs, and most four-year colleges and universities. Having a GED allows one to apply for federal financial aid to help pay for college or vocational/technical school programs.

Adults with GEDs or high school diplomas, who want to improve their basic math, writing, and reading skills, as well as those wanting to improve their workplace skills will benefit from these classes. Once enrolled in a GED/Adult General Education Class, students can set goals and focus attention on areas of their individual needs. There is a strong commitment to finding the best way for each student to learn most effectively. Those who have been out of school for some time will find a relaxed, supportive environment in which to start studying again.

Students 16 or 17 years of age are welcome to attend GED classes with official authorization form from the Linn-Benton-Lincoln County Educational Service District. To obtain the official authorization please visit [www.lblesd.k12.or.us/homeschool/](http://www.lblesd.k12.or.us/homeschool/). Parents/guardians must fill out and sign the form and return it to the school district. Authorization papers will be sent back to you within 1-2 weeks. Authorization approval documentation forms must be presented at orientation or the first day of class.

We also offer GED/Basic Skills classes in Spanish during certain terms. Check the most recent Course Schedule for class availability.

Contact [officeofinstruction@oregoncoast.edu](mailto:officeofinstruction@oregoncoast.edu) for information on days, times, and locations of classes.

## GED & Adult General Education Orientations

Formal orientations are available during the first half of Fall, Winter, and Spring terms, but enrollment remains open throughout the entire term for students to join whenever they like. To set up an off-week orientation, please email [deborah.skaggs@oregoncoast.edu](mailto:deborah.skaggs@oregoncoast.edu) and let us know you'd like to join the GED program.

## GED & Adult General Education Courses

### XASE46 - Spanish-Language Adult Secondary Education

Offers skill development to prepare students to successfully complete the GED examinations in four areas: mathematics, language arts (reading and writing), science, and social studies, or to enter post-secondary education. Emphasizes skills and knowledge application including basic computer literacy, communication, and career and life skills.

This class is taught in Spanish. GED offers all four of its exams in Spanish as well as English.

Recommended: (English as a Second Language) XELL 44 or XELL 45 or XELL 48 or XELL 49.

### XASE51 - GED Math Level I

Introduces mathematical concepts numerically, graphically, and symbolically, in oral and written form. Covers whole numbers, fractions and decimals to write, manipulate, interpret and solve application and formula problems. Recommended: CASAS reading score of 221 or higher.

### XASE52 - GED Math Level II

Covers rational numbers (fractions, percents, decimals, ratio, and proportion), pre-algebra, algebra, statistics, geometry, and measurements. Includes applications involving whole numbers, decimals, and fractions. Recommended: CASAS Reading score of 221 or higher and CASAS Math score of 221 or higher.

### XASE53 - GED Language Arts

Integrates reading and writing skills to enhance critical thinking, analysis, and synthesis of information for understanding and effective communication. Requirement: CASAS reading placement test.

## XASE54 - GED Social Studies

Provides basic information about civics and government, U.S. history, economics, and geography to assist in the preparation of the GED Social Studies Exam and/or the transition to post-secondary education. Analyzes the interrelatedness of social studies topics and their impact on today's society. Requires: CASAS Reading placement test.

## XASE55 - GED Science

Provides basic information about life, physical, earth, and space science to assist in the preparation of the GED Science Exam and/or the transition to post-secondary education. Analyzes these areas of science in the context of human health, living systems, energy, and related systems. Requires: CASAS Reading placement test.

## XASE56 - GED Science and Social Studies

Provides basic information about civics and government, U.S. history, economics, and geography to assist in the preparation of the GED Social Studies Exam and/or the transition to post-secondary education. Analyzes the interrelatedness of social studies topics and their impact on today's society. Provides basic information about life, physical, earth, and space science to assist in the preparation of the GED Science Exam and/or the transition to post-secondary education. Analyzes these areas of science in the context of human health, living systems, energy, and related systems. Requires: CASAS Reading placement test.

## Basic Skills: English for Speakers of Other Languages (ESOL) Classes

### Overview

<https://oregoncoast.edu/english-as-a-second-language/>

ESOL classes are available to students whose native language is not English and who want to improve their basic English language proficiency. Speaking, listening, reading, writing, and American culture are taught. Classes are open to anyone 16 years of age and older. Orientation is not required and students may enter ESOL classes at any time.

Contact [officeofinstruction@oregoncoast.edu](mailto:officeofinstruction@oregoncoast.edu) for information on days, times, and locations of classes.

Visite nuestro sitio web para encontrar información en español.

### Courses include:

XASE44 Multi-Level ESOL (Off-Campus Full Term)  
XELL45M Multi-Level ESOL - Morning (Full Term)  
XELL45E Multi-Level ESOL - Evening (Full Term)  
XELL47 Multi-Level ESOL - Distance  
XELL48 Multi-Level ESOL (Off-Campus Half Term)  
XELL49M Multi-Level ESOL - Morning (Half Term)  
XELL49E Multi-Level ESOL - Evening (Half Term)

### Course Description:

Provides the foundational, intermediate, and advanced skills in English for speakers of other languages, in order to develop and improve the student's ability to speak and understand both oral and written English; to develop and improve reading, writing, and critical thinking skills; and to appreciate and be successful in an American cultural environment. This course is for all levels of English language learning, from beginners with little exposure to English to high level speakers wanting to brush up on skills. This class combines listening, speaking, reading, and writing.

## Financial Aid and Veterans Educational Benefits

### Cost of Attendance/How Financial Aid Offer Amounts are Determined

Most aid offers are based on financial need. To determine financial need for an individual student, the cost of attendance has the following amounts subtracted from it: expected family contribution, any Pell Grant amount a student is eligible for, and any other financial aid or scholarships a student will receive. If anything is left over, a student is considered to have financial need for additional federal aid.

Federal funds are limited, so the total amount a student receives might be less than the amount they are eligible for.

### What is "expected family contribution?"

Expected Family Contribution (EFC) number used to determine financial need. The EFC is a measure of

student/family financial strength and is calculated from the information reported on the FAFSA. An individual's EFC will appear on their Student Aid Report (SAR). The EFC is calculated according to a formula established by law. Family income, assets, and benefits are all considered, as well as family size and the number of family members who will attend a college.

### How is "family" defined?

This depends on dependency status determined by information reported on the FAFSA. Read more: [Am I dependent or independent?](#)

### Cost of attendance

Many factors influence cost of attendance including the degree or certificate program a student is enrolled in and how many credits are taken per term. Listed below are the standard full-time budgets for AAOT students at OCCC.

#### 2021-22: resident student not living with parent

Costs	1 Term	2 Terms	3 Terms	4 Terms
Tuition and fees	\$1,716	\$3,432	\$5,148	\$6,864
Books and supplies	\$255	\$510	\$765	\$1,020
Room and board	\$2,892	\$5,784	\$8,676	\$10,604
Transportation	\$930	\$1,860	\$2,790	\$3,410
Personal	\$909	\$1,818	\$2,727	\$3,333
Total expenses	\$6,702	\$13,404	\$20,106	\$25,231

#### 2021-22: resident student living with parent

Costs	1 Term	2 Terms	3 Terms	4 Terms
Tuition and fees	\$1,716	\$3,432	\$5,148	\$6,864
Books and supplies	\$255	\$510	\$765	\$1,020
Room and board	\$1,449	\$2,898	\$4,347	\$5,340
Transportation	\$930	\$1,860	\$2,790	\$3,410
Personal	\$909	\$1,818	\$2,727	\$3,333
Total expenses	\$5,259	\$10,518	\$15,777	\$19,967

#### 2021-22: non-resident student not living with parent

Costs	1 Term	2 Terms	3 Terms	4 Terms
Tuition and fees	\$3,024	\$6,048	\$9,072	\$12,096
Books and supplies	\$255	\$510	\$765	\$1,020
Room and board	\$2,892	\$5,784	\$8,676	\$10,604
Transportation	\$930	\$1,860	\$2,790	\$3,410
Personal	\$909	\$1,818	\$2,727	\$3,333
Total expenses	\$8,010	\$16,020	\$24,030	\$30,463

#### 2021-22: non-resident student living with parent

Costs	1 Term	2 Terms	3 Terms	4 Terms
Tuition and fees	\$3,024	\$6,048	\$9,072	\$12,096
Books and supplies	\$255	\$510	\$765	\$1,020
Room and board	\$1,449	\$2,898	\$4,347	\$5,340
Transportation	\$930	\$1,860	\$2,790	\$3,410
Personal	\$909	\$1,818	\$2,727	\$3,333
Total expenses	\$6,567	\$13,134	\$19,701	\$25,199

### How enrollment affects your aid

A student's financial aid offer will reflect the number of credit hours a student indicated they would take each term when the student went through the financial aid portal processes. Actual financial aid eligibility will be based on enrollment level status at the end of the first week of the term. Awards are revised to reflect the terms of enrollment. Financial aid funds can be reduced or cancelled based on a student's actual enrollment level status.

Waitlisted classes do not count toward enrollment level status.

Enrollment level status	Credits per term
Full time	12 or more
¾ time	9 to 11
Half time	6 to 8
¼ time	1 to 5

### Minimum enrollment for financial aid

Full-time enrollment is not required to receive financial aid. This table shows minimum enrollment for different financial aid programs. However, enrollment level status isn't the only thing that determines eligibility--students must still demonstrate financial need.

Financial aid program	6 credits less than 6 credits
Direct loan, subsidized and unsubsidized	x
PLUS loan	x
Pell Grant	x

## Financial Aid

<https://oregoncoast.edu/financial-aid/>

College can be expensive, but there are funds available

to help with costs including tuition, books, and living expenses. Financial aid loans and grants are available to help with college costs.

There are many steps in the financial aid process and it can take several weeks to receive financial aid.

The first steps are:

1. Submit a Free Application for Federal Student Aid (FAFSA).

Fill out the Free Application for Federal Student Assistance (FAFSA) as soon as possible using OCCC's school code 042837. Students can submit their 2021-2022 FAFSA as early as October 1, 2020 using tax information from 2019, and their 2022-23 FAFSA as early as October 1, 2021, using tax information from 2020. The application can be accessed at [www.fafsa.ed.gov](http://www.fafsa.ed.gov).

2. Get admitted to OCCC. Apply for admission at <https://oregoncoast.edu/apply/>. Monitor email and submit any required admissions documents.

3. Students will receive an email with instructions how to create an account and login to the financial aid portal. Students should follow the instructions in the financial aid portal to complete financial aid requirements. Timely submission of required documents is critically important. Award processing can take several weeks.

4. Students are encouraged to carefully consider each type of financial aid available to decide what is right for them, including grants and loans awarded from FAFSA, and grants and scholarships from the Office of Student Access and Completion (OSAC), the OCCC Scholarship Foundation, and other sources. For more information or assistance, contact the financial aid specialist at 541-867-8503 or [finaid@oregoncoast.edu](mailto:finaid@oregoncoast.edu).

5. Select your refund preference with BankMobile. Watch for a green envelope in the U.S. Mail or an email from BankMobile with your access code. Students who have a credit balance after their financial aid is applied to their student account will receive a stipend for the amount of the credit balance. These stipends are processed beginning week 3 of each term. Stipends will be distributed via the student's refund preference selected with BankMobile. Students should note that loan monies for first-time borrowers will not be available until 30 days after the start of the term.

6. Don't forget to fill out a free Office of Student Access and Completion (OSAC) scholarship application at <https://oregonstudentaid.gov/>. The OSAC application opens November 1 and the final deadline is March 1 of the following year.

7. Apply for Oregon Coast Community College Foundation Scholarships and other scholarships. When the scholarship application opens, the OCCC Foundation scholarship application is available at <https://www.oregoncoast.edu/scholarships/>. The general scholarship application usually opens Spring term, though it's never too early for students to begin a scholarship search and start preparing a scholarship essay. Other scholarships are posted at as they become available.

Students expecting scholarship funds from an entity that is not OCCC or the OCCC Foundation, should follow up with the organization granting the scholarship to inquire how their funds will be disbursed and what the terms and conditions of their scholarship are.

8. Maintain eligibility for Financial Aid by maintaining [Financial Aid Satisfactory Academic Progress \(SAP\)](#).

## Financial Aid Enrollment Levels

Financial aid awards are determined by the number of credits a student is enrolled for. All students are awarded based on full-time enrollment, which is 12 or more credits.

Adjustments to aid will be made for less than full-time enrollment after the add drop period each term.

**Financial Aid will only pay for credits required for completion of your program of study.**

Full-time enrollment is not necessary to receive aid.

Enrollment Level	Credit Range	Financial Aid Adjustment
Full-time	12 or more	Grants at 100%
Three-quarter-time	9-11	Grants reduced by 25%
Half-time	6-8	Grants reduced by 50%
Less than half-time	1-5	Grants reduced by 75%

\*The chart above demonstrates how most, but not all, grants would be adjusted.

## Types of Financial Aid

### Grants

**Federal Pell Grant**—Federal Pell Grants provide funding to students who meet certain eligibility criteria, according to federal guidelines. The amount awarded to students is determined by their Expected Family Contribution (EFC) and enrollment. Pell Grants are based on a student's enrollment level status.

**Federal Supplemental Educational Opportunity Grant (FSEOG)**--This Federal grant is for undergraduates with exceptional financial need. At OCCC, this grant is awarded to students with a 0 EFC until funds are exhausted.

**Oregon Opportunity Grant**--The Oregon Opportunity Grant is a State of Oregon grant awarded to eligible Oregon residents enrolled at least half-time (6 credits or more). Awards are adjusted based on a student's enrollment level status.

**Oregon Promise Grant**--Oregon Promise Grants is a State of Oregon grant available to recent high school graduates and GED completers. There are rolling application deadlines throughout the year. For more information about eligibility and application requirements, visit the Office of Student Access and Completion website at [oregonstudentaid.gov](http://oregonstudentaid.gov).

#### Other Federal Financial Aid

**Federal Work-Study (FWS)**--FWS is designed to provide jobs for students with financial need to assist with paying for educational expenses. FWS is offered subject to funding availability to students who indicate an interest on their FAFSA, apply early, and who demonstrate need. FWS funds must be earned through part-time employment authorized by the Financial Aid Office. Students must be enrolled at least half-time (6 cr) in an eligible program.

Students not eligible for grants or scholarships or requiring additional funds to meet educational expenses, may be eligible for student loans. Student loans are available to students and families to borrow money for assistance with funding educational needs.

#### Loans

**Federal Direct Loan Program**--The Federal Direct Loan is a funding source for students enrolled at least half time (6 credits or more) and is made available to students through the U.S. Department of Education. Direct Loans are either subsidized or unsubsidized. A subsidized loan is awarded on the basis of financial need. If a student qualifies for a subsidized loan the Federal government pays interest on the loan while the student continues to be enrolled at least half-time up to Federal Subsidized Usage Limit Amount. An unsubsidized loan is an additional resource, not awarded on the basis of need. Once disbursed, students receiving an unsubsidized loan are responsible for the accruing interest from the time the loan is disbursed until it is paid in full. Borrowers may choose to pay the interest or allow it to accumulate.

If allowed to accrue, the interest will be capitalized--added to the principal amount--and will increase the amount to be repaid.

**Nursing Loan**--The Nursing loan is funded through the Department of Health and Human Services grant to OCCC. It is available on a funds available basis. If you have questions about the Nursing Loan, contact OCCC's Financial Aid Manager.

**Private Student Loans**--Private student loans often have higher interest rates than those offered by the federal government, so it could be better to explore the above options before considering a private loan. Oregon Coast Community College will certify alternative private loans. However, pursuant to Section 155 of the Higher Education Act of 1965, as amended, (HEA) and to satisfy the requirements of Section 128(e) of the Truth in Lending Act, a lender must obtain a Private Education Loan Applicant Self-Certification signed by the applicant before disbursing a private education loan. Students should understand that free or lower-cost Title IV federal or student financial aid or scholarships may be available in place of a private education loan. Note: OCCC does not endorse or recommend any specific lender for Private Loans. Students are advised to do their research so they can make the best decision regarding their education.

Students loan amounts are limited annually and cumulatively by Federal regulations. Students are prohibited from borrowing more than their cost of attendance minus any other financial aid and scholarships received.

## Financial Aid Satisfactory Academic Progress (SAP) Policy

### What is Financial Aid Satisfactory Academic Progress (SAP)?

Federal regulations require that all students who receive financial aid must maintain satisfactory academic progress and work towards an eligible degree or certificate. Please note, due to additional federal requirements for students receiving financial aid, there are differences between OCCC's Academic SAP and Financial Aid Satisfactory Academic Progress (SAP) policies.

#### Purpose

The purpose of this policy is to describe OCCC's process for determining a student's eligibility for continued receipt of Title IV federal funds in accordance with



federal requirements for financial aid satisfactory academic progress in compliance with the Higher Education Act of 1965, as amended (34 CFR 668.34).

This policy applies to all students enrolled in credit-bearing courses and, as required by federal regulations, is at least as strict as its academic progress standards for students enrolled in the same academic program who are not receiving federal Title IV financial aid.

To be eligible for financial aid, a student must make satisfactory academic progress (SAP) toward their degree or certificate. At the end of every term, Oregon Coast Community College will measure a student's SAP using the following criteria:

- Grade Point Average: Maintaining a 2.0 cumulative grade point average (GPA).
- Pace: Earning credit for at least 67 percent of the cumulative credits attempted.

If a student does not meet SAP standards, a notification will be sent to their OCCC email address.

#### Elements of SAP

##### Grade Point Average (GPA)

A student's GPA will be evaluated at the end of each term to ensure the 2.0 cumulative GPA requirements has been met. If a student's cumulative GPA is below 2.0, they have not met the requirement and will be notified of their financial aid SAP status by college email.

With only a few exceptions, graded courses taken at OCCC are included in GPA. The grades I, W, and NP are not included in GPA calculations and for courses repeated in an attempt to earn a better grade, only the highest grade will be included in GPA calculations. Additionally, transfer credits are not included in GPA and do not count towards meeting this criterion.

A student can reestablish their eligibility by raising their GPA to the required value. [If a student has been placed on SAP suspension but experienced mitigating circumstances, they can submit an appeal to the OCCC financial aid office.](#)

##### Pace

A student's pace of completion is the number of credits earned divided by the number of credits attempted. A student attempts credit when they take a college-level course and earns credit when they pass the course.

A student earns credit for grades of A, B, C, D, and P, and they do not earn credit for grades of W, I, NP, and F. Attempted credits include classes taken at OCCC for a grade as well as accepted transfer credits. Courses attempted, but assigned a W, I, NP, or F grades count as attempted, but not earned when pace is calculated.

If a student repeats a course, each repetition counts toward their attempted credits. For each course repetition, a student earns credit for grades A, B, C, D, and P, but not for W, I, NP, or F. Credit-bearing remedial coursework counts toward both attempted and earned credits. Non-credit remedial course work including ESOL courses will not be included in the SAP calculation.

A student's Pace is evaluated at the end of each term. If their pace is below 67 percent, they have not met the requirement and will be notified of their SAP status by college email. If a student has been placed on SAP suspension but has experienced mitigating circumstances, they can submit an appeal to the OCCC financial aid office.

#### SAP Statuses

##### Financial Aid Warning

If a student is in good standing and subsequently fails to meet either the GPA or Pace requirements, that student will be placed in Financial Aid Warning status for one term. Students on financial aid warning are eligible to receive Title IV funds.

A student in Financial Aid Warning status must meet both the GPA and Pace requirements at the conclusion of that warning term to move back to good standing. If one or both requirements are not met, the student will be placed on Financial Aid Suspension and will experience a loss of financial aid eligibility.

A first-time financial aid student who has prior academic history and has not completed at least 67 percent of total attempted credits with a minimum of 2.0 cumulative GPA will have a beginning financial aid SAP status of Warning.

A student may have more than one warning term over the course of their program if they have returned to good standing in between.

If a student does not meet financial aid SAP standards, a notification will be sent to their OCCC email address.

##### Financial Aid Suspension

If a student on warning does not meet SAP standards by the end of the term, the student will be placed on financial aid suspension.

A student on financial aid suspension is required to meet with their academic advisor to develop a learning contract and academic plan.

A student on financial aid suspension is required to submit their learning contract and academic plan with their financial aid suspension appeal.

### **Regaining Eligibility**

There are two ways to regain eligibility for federal student aid:

- Improve academic performance until SAP requirements are met.
- Submit an appeal (see Appeal Process below).

If a student does not meet financial aid SAP standards, a notification will be sent to their OCCC email address.

### **Financial Aid Probation with a Learning Contract and Academic Plan**

A student may be placed on probation for one term if they successfully appeal a financial aid suspension status.

The Financial Aid Probation status is based on the professional judgment of the financial aid office where it is determined the student is likely to meet financial aid SAP standards by the end of the next term. A student is placed on financial aid probation when SAP has not been met due to a one-time or short-term event and the student has resolved the problem that caused the SAP failure. All suspension appeals must be submitted with a learning contract and academic plan detailing the courses required for the next three terms or for the student to complete their program of study.

While on financial aid probation, a student is eligible to receive Title IV aid. While on probation, a student must complete 67 percent of attempted credits for the term with a 2.0 cumulative GPA by the end of the term to meet the probationary status requirements. A student on probation who meets SAP standards at the end of the term will move to good standing.

If a student on probation does not meet SAP standards at the end of the term, a financial aid staff member will evaluate the student's academic progress for improvement of pace and cumulative GPA and to determine if the student has adhered to their learning contract and academic plan. As a result of this evaluation

if the student has improved their pace, cumulative GPA, and adhered to their learning contract and academic plan, the student may continue with the status of academic probation.

If the student has not significantly improved their pace, cumulative GPA, and/or adhered to their learning contract and academic plan the student will be placed on financial aid suspension. Students in financial aid suspension are not eligible to receive financial aid. Students who have their financial aid suspended have the right to file a Satisfactory Academic Progress Appeal with the financial aid office.

### **Appeal Process**

In order to complete a financial aid SAP appeal, a student must first meet with their academic advisor. When meeting with their academic advisor and preparing their appeal, a student must make sure to address the element(s) of SAP that are not being met and develop a learning contract and academic plan. A student must submit their financial aid appeal form, a signed and dated written statement, and learning contract with academic plan by the Thursday of week one of the term for which they are attempting to regain eligibility to receive Title IV funds. Financial aid appeals will be adjudicated by the Financial Aid Director.

A student will be notified via their college email account of the outcome of their appeal, specifying approval or denial along with any additional conditions/requirements for this status (i.e. mandatory tutoring, mandatory advising check ins, or other activities that support a student's academic success). A student's appeal may be denied based on insufficient detail, documentation, or lack of evidence of any academic or personal difficulties being addressed or resolved.

## **Veterans Access, Choice and Accountability Act**

Oregon Coast Community College complies with Public Law 113-146, the Veterans Access, Choice and Accountability Act of 2014, Section 702. As of July 1, 2015, the following individuals shall be charged the Oregon in-state rate or otherwise be considered a resident, for tuition and fees purposes:

- A veteran using educational assistance under either chapter 30 (Montgomery GI Bill® - Active Duty Program) or chapter 33 (Post-9/11 GI Bill®), of title

38, United States Code, who lives in Oregon while attending a school located in Oregon (regardless of his/her formal state of residence) and enrolls in the school within three years of discharge or release from a period of active duty service of 90 days or more.

- Anyone using transferred Post-9/11 GI Bill® benefits (38 U.S.C. § 3319) who lives in Oregon while attending a school located in Oregon, (regardless of his/her formal state of residence) and enrolls in the school within three years of the transferor's discharge or release from a period of active duty service of 90 days or more.
- Anyone described above while he/she remains continuously enrolled (other than during regularly scheduled breaks between courses, semesters or terms) at the same school. The person so described must have enrolled in the school prior to the expiration of the three-year period following discharge or release as described above and must be using educational benefits under either chapter 30 or chapter 33, of title 38, United States Code.
- Anyone using benefits under the Marine Gunnery Sergeant John David Fry Scholarship (38 U.S.C. § 3311(b)(9)) who lives in Oregon while attending a school located in Oregon, (regardless of his/her formal state of residence).
- Anyone using transferred Post-9/11 GI Bill® benefits (38 U.S.C. § 3319) who lives in Oregon while attending a school located in Oregon, (regardless of his/her formal state of residence) and the transferor is a member of the uniformed service who is serving on active duty.
- The policy shall be read to be amended as necessary to be compliant with the requirements of 38 U.S.C. 3679(c) as amended.

## Veterans Services

### Veterans Services

Layton Spence, Veteran's Liaison

(541) 867-8503

The Veteran Services Liaison is here to help veterans and their dependents use their VA educational benefits to support their college expenses. OCCC recognizes the sacrifice of those who have served in the United States Armed Forces, and the College is honored to assist veterans in utilizing their benefits to their best advantage. OCCC is dedicated to providing students with effective access to any VA educational benefits they may be entitled to.

Students using any type of Federal Veterans Administration (VA) Education Benefit are required to have all prior transcripts evaluated. It is the student's responsibility to request official transcripts from all previous colleges and submit them to the enrollment services coordinator and complete and submit an official transcript evaluation request. A student's first term of VA benefits may be certified while waiting for transcript evaluation, however no subsequent terms will be certified for VA Benefits until transfer credit evaluation is complete.

## Student Accounts

### Educational Tax Credits and 1098T Forms

The American Opportunity (Hope Credit extended) and the Lifetime Learning Credit are education credits that can help offset the costs of education. To determine your eligibility please consult your tax adviser. OCCC staff cannot help with tax related questions. If you plan to claim an educational tax credit, your tax identification number (TIN) or social security number (SSN) is required for tax reporting. 1098T forms will be available online through [My.OregonCoast](https://my.oregoncoast.edu) for students who sign up for electronic access. Paper forms will be mailed the last week of January for students that do not sign up for electronic access. Contact Student Accounts at 541-867-8551 for more information.

### Installment Payment Plan

<http://www.oregoncoast.edu/student-accounts/>

The College offers the Installment Payment Plan to help students meet tuition expenses more easily. Students can arrange for a payment plan with Student Accounts at 541-867-8551. Any student may participate in the Installment Payment Plan, except those noted below.

For students who qualify, the following conditions apply:  
A \$20 processing fee will be charged.  
A minimum payment of 1/3 plus the \$20 processing fee must be made by the payment deadline each term.  
The remaining balance, after down payment, will be divided into two equal installments. A late payment charge of \$25 will be added to the outstanding balance for each installment that is not made by the due date. Any



balance remaining on the last day of the term may immediately be referred to a collection agency, the Oregon Department of Revenue, or an attorney for collection. Collection and/or attorney fees will be added to the outstanding balance.

Any balance due may be deducted from all financial assistance or scholarships awarded. Students will not be allowed to register for subsequent terms until their account is paid in full.

NOTE: The Installment Payment Plan is not available to: Students receiving full funding from financial assistance, scholarships, or alternate source. Students owing less than \$100.

## Paying for College

OCCC believes in providing access to an affordable, quality education. The tuition and fees at OCCC are very affordable--about half of what they are at an Oregon public university. OCCC also offers many resources to help pay for college. Students can do most of their college business online, which improves access and saves students time.

### How much does it cost to go to OCCC?

Tuition for residents is \$121 per credit. Most classes are 1 to 4 credits each.

Example budgets for tuition, fees, and books:

half-time student (6 credits): about \$950 per term

full-time student (12 credits): about \$1900 per term

See full details on the [tuition and fees webpage](#).

### Need help paying for classes?

There are several ways to get help paying for classes:

#### Financial Aid

The first step is to fill out the [FAFSA](#). See the rest of the steps here: <https://oregoncoast.edu/getting-started/>.

#### Scholarships

See scholarship options on the [scholarships webpage](#).

#### Veterans

Check in with the Financial Aid Specialist ([finaid@oregoncoast.edu](mailto:finaid@oregoncoast.edu) or 541-867-8503) for more information about using veterans educational benefits or view the [veterans' benefits webpage](#).

#### Payment Plans

Spread the cost into affordable payments with a payment plan. See details on the [Student Accounts webpage](#).

### Ready to pay for classes?

To see how much what is owed to OCCC.

Login to [My.OregonCoast](#) and choose "Account Payment."

#### How to pay

Login to [My.OregonCoast](#) and choose "Account Payment."

Call Student Accounts at 541-867-8151.

Pay in-person at Student Services in Newport or Lincoln City during regular business hours.

Set up a payment plan or make arrangements for another person or organization to pay on your behalf by contacting Student Accounts at 541-867-8151.

#### When to pay

View payment deadlines on the [academic calendar](#).

## Payment by Financial Aid or Agency Billing

<http://www.oregoncoast.edu/student-accounts/>

Financial aid is available to qualified students and is a resource to pay educational expenses. Students with financial aid are subject to the same registration, refund, and credit terms extended to other students. If funds received from the financial aid offer are greater than the enrollment costs, payment of the balance will be made to the student via BankMobile and the refund preference selected by the student. If anticipated financial aid funds are not received, the student is responsible for payment of any monies owed to the College. Financial Aid questions may be addressed to Financial Aid at 541-867-8503. Payment by a sponsoring agency or a

scholarship from an outside agency is a resource to pay educational expenses. A student receiving assistance from a non-OCCC entity is subject to the same registration, refund, and credit terms extended to other students. It is the student's responsibility to provide written agency authorization of funds available to the Business Office by the time of registration. Students with questions regarding outside scholarships or agency payments may call the Student Accounts at 541-867-8551.

## Payment Policies

<http://www.oregoncoast.edu/student-accounts/>

By registering for a class at Oregon Coast Community College, students incur a legal obligation to pay all tuition, fees, and any other charges relating to enrollment, even if the charges are being paid by another party. Unless students officially drop courses within the full refund period each term, they are obligated to meet the payment deadline found on the [academic calendar](#).

Cash, personal checks (payable to OCCC), American Express, MasterCard, and VISA are accepted. A deferred tuition plan is available\*. See Installment Payment Plan below for more information.

Returned (non-sufficient funds-NSF) checks pose special processing problems. A \$25 charge will be assessed for returned checks. NSF checks will not be returned to a bank for payment. Students will be notified by the Business Office when an NSF check is presented to the College. At this time students will have five (5) days to clear the debt, or the College will withdraw the student from classes. Returned checks must be made "good" with cash, money order, or cashier's check. Uncollected checks will be assessed additional fees (up to \$50 per check) and submitted to a collection agency. The first NSF check incident will result in a six (6) month suspension of payment-by-check privileges. A second incident will result in a complete loss of payment-by-check privileges. If the error was caused by a bank, a letter from the bank stating this fact must be presented to the College.

All monies owed to the College for previous terms must be paid before a student can register for the current term.

\*Students need to clear any outstanding financial obligations owed to the College, and return any overdue library books before the end of the term. Students with past-due debts payable to OCCC or to Portland Community College will not be allowed to register until

the balance is paid. An unsatisfactory credit history via OCCC will prevent eligibility for a deferred tuition payment plan or other institutional financial assistance.

## Refund Policy

<http://www.oregoncoast.edu/student-accounts/>

To receive a refund, students must drop their class(es) by the date stated on the academic calendar. If paid with a credit card, refunds will be issued to the same card. All other refunds will be processed via BankMobile. Students may contact Student Accounts at 541-867-8551 with any questions.

When a financial aid recipient officially drops from OCCC within the refund period, their financial aid offer is typically adjusted to reflect their new enrollment level. Should a student have unique circumstances that result in courses being removed from their schedule where their financial aid has already disbursed, then the full amount of tuition refund will be credited to the appropriate federal, state and/or institutional accounts. Students should check with the financial aid specialist regarding how dropping or withdrawing from classes will impact their financial aid.

Withdrawal from workshops and one-day seminars must occur before the date of the class to be eligible for a refund.

## Tuition & Fees Effective 2021-22

<http://www.oregoncoast.edu/tuition-and-fees/>

### Tuition & Fees Schedule

Charge	Type	Amount
		\$121 / credit

### Tuition\*

Other tuition and fees may be charged for specialized courses and programs such as [Aquarium Science](#), [EMT](#), [Nursing](#), special workshops, and higher-cost training and instruction.

Out-of-State Tuition	\$230 / credit
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College Services Fee	\$8.25 / credit
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Student Services Fee	\$1.50 / credit
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Student Government Fee	\$.25 / credit
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Technology Fee	\$12 / credit
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Art Courses \$35 and up / course

Computer Courses \$28 and up / course

Science Courses \$20 and up / course

Online Fees \$12.50 / credit

Deferred Tuition \$20 / term

Contract Late Payment Fee \$50 / term

Accuplacer Placement Test \$15

Accuplacer Placement Test-Retest \$5 per subject

Basic Skills (ABE/GED/ESOL) \$20 / class

GED Test (paid to Pearson-Vue) \$38 initial fee per test. GED consists of four tests.

GED Retest (paid to Pearson-Vue) \$10 per subject

*\*Other fees may be included to reflect costs associated with instruction, such as Aquarium Science, Art, laboratories, EMT (Emergency Medical Technology), Nursing, Community Education & SBDC classes and workshops, and higher-cost training and instruction. Fees help to cover classroom rental, equipment and related instructional costs. Fees are subject to change without notice. Scholarships are available. Call Student Services at 541-867-8501 for more information.*

## Student Resources

### Academic Advising

<https://www.oregoncoast.edu/advising/>

OCCC advisors help students maximize their college experience, whether they are a new student, returning student, or are currently enrolled. Academic advising is required on a term by term basis to ensure student success.

Academic advisors support students' intellectual growth, empower students to clarify and attain their academic and professional goals, foster student retention, and promote student success

**Make an academic advising appointment for information regarding:**

- Academic program options
- Academic concerns
- College success resources
- Degree requirements
- Educational planning
- Career planning
- Financial aid time frame and satisfactory
- Academic progress appeals
- Policies and procedures
- Transfer programs
- Reviewing unofficial transcripts

### Your College Store (Bookstore)

[www.oregoncoast.edu/bookstore](http://www.oregoncoast.edu/bookstore)

Open 8am-4:00pm Monday-Thursday (Summer Hours, 8am-1pm Monday-Thursday)

Located just off the Commons in the Oregon Coast Community College Central County Campus in Newport, the OCCC Bookstore, "Your College Store," offers fresh sandwiches, a salad bar, healthy snacks, beverages, supplies - and, of course, textbooks. You can reach YCS at (541) 867-8523.

Students need their books to be successful. If the posted hours do not work for a student's schedule, students may call 541-867-8523 for an appointment. Textbooks may be ordered for pickup at the North County Center in Lincoln City. For information, contact YCS at (541) 867-8523.

### Using Financial Aid and/or Scholarships to Purchase your Required Course Materials

Students with a confirmed financial aid award/offer letter can charge their course materials against their pending financial aid. Purchases are limited by the amount of the financial aid offer in relationship to the student's enrollment level, course tuition, and fees. Students must present their financial aid award/offer letter to the cashier when making their purchase.

### Refund Policy

Book refund deadlines and tuition refund deadlines are the same. Check the Academic Calendar for this date. A full refund on textbook purchases will be made provided: the current original receipt is presented; the book is unmarked and in the original condition with all

packaging intact; sales of study guides, supplies, and non-required items are returnable for refund or replacement only if defective.

## Buy Back Policy

Used book buy back is held during Finals Week ONLY.

The following conditions must be met to sell back textbooks: books must be listed in the current buying guide; the book is the current edition, volume, etc., and is in good condition; textbooks may contain a reasonable amount of highlighting or writing; study guides or any "fill in the blank" books must be absolutely clean and complete, with no marking of any type; workbooks must be clean and complete.

## Used Book Bulletin Board

Students are encouraged to post their textbooks for resale on the bulletin board next to YCS. Students purchasing textbooks from other students are encouraged to check with YCS to validate current edition and author information prior to purchasing. All such transactions are between the buyer and seller, and do not involve OCCC.

## Career and Transfer Readiness Center

<http://www.oregoncoast.edu/careerandtransfer/>

Oregon Coast Community College Student Services offers career planning and job search services. Individual appointments can be made to help students with career decision making, program planning, resumes, cover letters, and job searches. An Academic Advisor can assist you in exploring and planning career and transfer paths that are right for you. Use the online scheduling tool at <https://www.oregoncoast.edu/advising/> to make an appointment with an Academic Advisor.

## Services for Students with Disabilities

<http://www.oregoncoast.edu/disabilities/>

Oregon Coast Community College is committed to providing equal opportunities for students with disabilities throughout the College community. Students with documented disabilities are entitled to reasonable accommodations under Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990.

The College's philosophy is to maximize student independence and self-reliance by providing a variety of support options to assist students in achieving their educational and/or vocational objectives. To initiate support services, students should contact the Vice President Student Affairs at 541-867-8501 and submit documentation of their disabling condition(s) to the Vice President Student Affairs. It is the student's responsibilities to self-identify and make the request for accommodative services in a timely manner.

All questions regarding accommodations should be directed to the Vice President Student Affairs.

## Distance Education

<http://www.oregoncoast.edu/distance-education/>

OCCC offers Distance Education (DE) classes taught by OCCC instructors. Students register for these classes in their My.OregonCoast account in the same way they register for all other classes. Early registration is critical as online classes fill quickly.

### Distance Education Textbooks:

Textbooks for online courses taught by OCCC faculty may be purchased at the OCCC bookstore. Call the OCCC bookstore at 541-867-8523 for more information.

## Technical Awareness and Computer Skill Requirements for Online Courses

Students registering for online courses must have modern, reliable computer equipment with a supported operating system (OS) installed. Cable, DSL, or high-speed wireless internet is required. Basic computer skills are required before registering for an online class. This includes, but is not be limited to: navigational skills using tabs, links, backarrows, and breadcrumbs; familiarity with logging into accounts, using email to communicate, sending attachments, uploading documents and photos, posting to forums, downloading and installing programs, searching the internet using a search engine, using a word-processor, and saving documents to a variety of locations.

Online courses require a lot of reading for directions and information. Students should have good reading and writing skills before registering for online classes. Online students need to be organized, self disciplined, and



committed to be successful! Online courses require as much time as on-campus courses – do not assume they will be less work.

## Library and Information Services

<https://oregoncoast.edu/library/>



The Library provides access to collections, services, and spaces in support of the College mission. We are a member of the Chinook Libraries Network (CLN), a consortium of three academic and three public libraries in Oregon. Through that membership, users have access to the collections of all Chinook libraries. Consortium materials may be picked up at any consortium library, including the OCCC central campus and the OCCC north and south county sites. The Library's academic e-book collection, streaming videos, and databases support teaching and learning, ensuring that resources are equitably serving all college programs and services.

The Library offers various spaces in support of learning and life at OCCC. Comfortable furniture greets users at the Library entrance for those wishing to relax or take a break. Large tables encourage collaboration, while tall

cafe-style tables with outlets cater to laptop users. A Team Lab designed for group collaboration houses four computers, a printer, and a whiteboard. Three additional computers are stationed within the Library for individual work, including one at an adjustable standing desk. The Library also manages six study rooms; four designed for individual use and two for groups of three or more.

Library Services include:

- Computers
- Interlibrary loans
- Laptops for check-out
- Reference and research assistance
- Reserve materials for classes
- A self-checkout machine
- Small-item lending, such as headphones, laptops, and calculators

## Testing Services

<https://www.oregoncoast.edu/academic-services/>

### *Placement Testing*

The placement test covers writing and reading. Academic advisors use the results to ensure that students are placed in appropriate class levels to ensure they have a successful college experience.

The need to take the placement test will be determined by an academic advisor. New students need to make an appointment to speak with an academic advisor before making a testing appointment. When meeting with an academic advisor, please bring your GED transcript or high school transcripts, if possible. If you have taken college-level courses, please bring college transcripts as well.

The placement test is offered regularly at the Central County Campus in Newport and periodically at the North County Center in Lincoln City. Because seating is limited, appointments are necessary. Please call Student Services at 541-867-8501 or the Testing Center at 541-867-8505 for additional information, the current testing schedule and to make an appointment. For testing in Lincoln City please call 541-996-6222, 541-867-8501 or 541-867-8505. The current testing fee is \$15 and the retest fee is \$5 for each subject area. The testing fees are payable the day of testing.

Only students participating in the assessment are allowed in the testing room. No food or beverages are allowed in the testing room, and children are not allowed to accompany their parents nor are they allowed to be

left unattended in the waiting area. Due to the structure of the assessment, late arrivals cannot be accommodated. Students considering retesting should speak with an academic advisor.

OCCC provides reasonable accommodation for students with documented disabilities to facilitate academic success. Please call the Dean of Students at 541-867-8511 before testing to discuss possible options.

#### *ALEKS Placement Test/Math Review*

Oregon Coast Community College now uses ALEKS for math placement. ALEKS is founded on groundbreaking research in mathematical cognitive science known as Knowledge Space Theory. ALEKS is also an exciting new way to study math at OCCC. ALEKS begins with a placement test that determines what you do or don't know in a math course — individually by topic. This means that time will not be wasted working on skills that you have already mastered.

Students are given six months to work in an individualized prep and learning module that can be used to prepare for a higher-level course — saving students time and money!

#### *Testing Services — Other*

General Education Development (GED) Testing OCCC offers GED preparatory classes and GED testing. GED preparatory classes are offered at a variety of times at the North Center and Central Campus. The fee is \$20 per class. Please check the class schedule for current locations and times.

The GED test consists of four separate test subjects: Reasoning Through Language Arts (150 minutes), Mathematical Reasoning (120 minutes), Science (90 minutes) and Social Studies (75 minutes). To obtain the GED, candidates must score 145 or above on each of the four tests for a minimum overall battery average of 580. The testing fee is \$38 per test and \$10 for each retest. A testing candidate will be able to take two retests (per year), per subject area for a total of 8 tests.

To be eligible to take the GED examinations, candidates must be at least 16 years old. Candidates under 18 years old must have an Exemption from Compulsory Attendance Form from the last high school attended or the GED Authorization Letter and Parent Assurance Form for the GED Options program. These forms must be provided to the Testing Center before any tests can be taken. In addition to the underage requirements, all candidates must present valid government-issued photo

identification at each testing session. For additional information on GED testing, please contact the College's Testing Center at 541-867-8505.

#### *Proctoring*

The College's Testing Center offers proctoring services for distance education courses (online), missed in-class examinations, students needing special accommodations, state licensing/certification, and NCRC certification. Non-OCCC affiliated testing services (online exams) will require proctoring fees. Students needing proctoring services should call the Testing Center at 541-867-8505.

## Tutoring Center

<http://www.oregoncoast.edu/tutoring-center/>

Tutoring services are available for individuals enrolled at OCCC. Volunteers from the community work one to one or with small groups of students in their content areas. All tutoring must take place at Central Campus, or at North and South Centers. If you would like to request a tutor or would like to volunteer with the tutoring program please contact Student Services at 541-867-8505 or by [emailing the Tutoring Coordinator](#).

## General Education Requirements - Arts & Letters

The General Education credits must come from the approved OCCC General Education/Discipline Studies List.

In order to ensure a breadth of learning, which is the cornerstone of the General Education requirements, the following limitations apply:

1. Courses taken to satisfy the basic college competencies in composition and mathematics will not be accepted.
2. For AAS Degrees, no more than two courses may come from courses required by specific programs.\*
3. When an existing course meeting a General Education requirement is expanded into a multi-course sequence with the same course number with varying suffixes (e.g., 101 becomes 101a, 101b, 101c), any course in the sequence may be used to meet the General Education requirement. However, an individual student may use only one course in the sequence toward fulfillment of the requirement, even if the student takes multiple courses in the sequence.

\*Note: Because of these restrictions, it is possible that a course is acceptable as General Education for some

students while it is not acceptable for others. Degree candidates who are unsure of how the General Education Policy applies to their individual cases are responsible for seeking help from an advisor or counselor.

The complete and official list of courses approved as General Education/Discipline Studies is maintained by the Instructional Leadership Team.

Criteria for General Education/Discipline Studies Course Approval are developed by the Instructional Leadership Team based on the General Education Philosophy statement and the statewide outcomes and criteria for Discipline Studies for the AAOT.

## Arts & Letters Course List

Course	Title	Cultural Literacy
ART 102	Understanding the Visual Arts	
ART 103	Understanding New Media Arts	
ART 115	Basic Design: 2D Foundations	
ART 116	Basic Design: Color Foundations	
ART 117	Basic Design: 3D Foundations	
ART 131A	Drawing I	
ART 181A	Painting I	
ART 197	Artist Skills/Practical Issues	
ART 204	History of Western Art (Prehistoric to Classical)	
ART 205	History of Western Art (Early Christian to Medieval)	
ART 206	History of Western Art (Renaissance to Baroque)	
ART 207	History of Asian Art (India)	✓
ART 208	History of Asian Art (China)	✓
ART 209	History of Asian Art (Japan)	✓
ART 210	Women in Art	✓
ART 213	Modern Art History - Art Since 1945	
ART 231A	Drawing II	
ART 237A	Life Drawing	
ART 253A	Ceramics I	
ART 256A	Ceramics II	
ART 277A	Life Painting	
ART 279A	Experimental Media	
ART 281A	Painting II	
ART 284A	Water Media I	
ART 287A	Water Media II	
COMM 100	Introduction to Communication	
COMM 111	Public Speaking	
COMM 112	Persuasive Speaking	
COMM 140	Introduction to Intercultural Communication	✓
COMM 214	Interpersonal Communication: Process and Theory	
COMM 215	Small Group Communication: Process and Theory	
COMM 228	Mass Communication and Society	
ENG 104	Introduction to Literature (Fiction)	
ENG 105	Introduction to Literature (Plays)	
ENG 106	Introduction to Literature (Poetry)	
ENG 107	Introduction to World Literature (Up to 16th-Century)	

ENG 108	Introduction to World Literature (16th-Century to Present)	
ENG 195	Film Studies: Film as Art	
ENG 196	Film Studies: Directors	
ENG 197	Film Studies: Contemporary Themes and Genres	
ENG 201	Shakespeare: Early Works	
ENG 202	Shakespeare: Later Works	
ENG 204	Survey of English Literature (Medieval Age to 1700s)	
ENG 205	Survey of English Literature (1700 to Present)	
ENG 207	World Literature - Asian (India)	✓
ENG 208	World Literature - Asian (China)	✓
ENG 209	World Literature - Asian (Japan)	✓
ENG 212	Biography and Autobiography	
ENG 213	Latin American Literature	✓
ENG 214	Literature of the Northwest	
ENG 216	Teen and Children's Literature	
ENG 222	Images of Women in Literature	✓
ENG 230	Environmental Literature	
ENG 237	Working-Class Literature	✓
ENG 240	Introduction to Native American Literatures	✓
ENG 244	Introduction to Asian-American Literature	✓
ENG 250	Introduction to Folklore and Mythology	✓
ENG 253	American Literature to 1865	
ENG 254	American Literature from 1865	
ENG 257	African American Literature (to the Harlem Renaissance)	✓
ENG 258	African-American Literature (from the Harlem Renaissance)	✓
ENG 260	Introduction to Women Writers	✓
ENG 261	Literature of Science Fiction	
ENG 265	Literature of Social Protest	
ENG 266	Literature of War	✓
ENG 269	Wilderness Literature	
ENG 275	The Bible as Literature	
J 216	News Reporting and Writing	
JPN 261A	Japanese Culture	✓
MUS 105	Music Appreciation	
MUS 108	Music Cultures of the World	✓
MUS 110	Fundamentals of Music	
MUS 111	Music Theory I (Part One)	
MUS 205	Introduction to Jazz History	✓
MUS 206	Introduction to the History of Rock Music	
MUS 207	Introduction to the History of Folk Music	✓
PHL 202	Ethics	
PHL 209	Business Ethics	
R 210	World Religions	✓
SPA 201	Second Year Spanish - First Term	
WR 240	Creative Writing - Nonfiction	
WR 241	Creative Writing - Fiction	
WR 242	Creative Writing - Poetry	
WR 246	Advanced Creative Writing, Editing & Publishing	
WS 202	Women, Activism and Social Change	✓

## General Education Requirements - Science, Math, & Computer Science

The General Education credits must come from the approved OCCC General Education/Discipline Studies List.

In order to ensure a breadth of learning, which is the cornerstone of the General Education requirements, the following limitations apply:

1. Courses taken to satisfy the basic college competencies in composition and mathematics will not be accepted.
2. For AAS Degrees, no more than two courses may come from courses required by specific programs.\*
3. When an existing course meeting a General Education requirement is expanded into a multi-course sequence with the same course number with varying suffixes (e.g., 101 becomes 101a, 101b, 101c), any course in the sequence may be used to meet the General Education requirement. However, an individual student may use only one course in the sequence toward fulfillment of the requirement, even if the student takes multiple courses in the sequence.

\*Note: Because of these restrictions, it is possible that a course is acceptable as General Education for some students while it is not acceptable for others. Degree candidates who are unsure of how the General Education Policy applies to their individual cases are responsible for seeking help from an advisor or counselor.

The complete and official list of courses approved as General Education/Discipline Studies is maintained by the Instructional Leadership Team.

Criteria for General Education/Discipline Studies Course Approval are developed by the Instructional Leadership Team based on the General Education Philosophy statement and the statewide outcomes and criteria for Discipline Studies for the AAOT.

### Science, Math, & Computer Science Course List

Course	Title	Lab Science
BI 101	Biology	✓
BI 102	Biology	✓
BI 103	Biology	✓
BI 112	Cell Biology for Health Occupations	✓
BI 141	Habitats: Life of the Forest	✓
BI 142	Habitats: Marine Biology	✓
BI 143	Habitats: Fresh Water Biology	✓

BI 211	Principles of Biology 1	✓
BI 212	Principles of Biology 2	✓
BI 231	Human Anatomy & Physiology I	✓
BI 232	Human Anatomy & Physiology II	✓
CH 151	Preparatory Chemistry	✓
CH 221	General Chemistry I	✓
CH 222	General Chemistry II	✓
CH 223	General Chemistry III	✓
CS 160	Exploring Computer Science	
ESR 171	Environmental Science: Biological Perspectives	✓
ESR 172	Environmental Science: Chemical Perspectives	✓
ESR 173	Environmental Science: Geological Perspectives	✓
FN 110	Personal Nutrition	
G 184	Global Climate Change	✓
G 201	Earth Materials and Tectonics	✓
G 202	Earth Surface Processes	✓
G 203	Evolution of Planet Earth	✓
G 207	Geology of the Pacific Northwest	
G 208	Volcanoes and Their Activity	
GS 106	Physical Science (Geology)	✓
GS 107	Physical Science (Astronomy)	✓
GS 108	Physical Science (Oceanography)	✓
GS 109	Physical Science (Meteorology)	✓
MTH 105	Math in Society	
MTH 111	College Algebra	
MTH 112	Elementary Functions	
MTH 211	Foundations of Elementary Math I	
MTH 212	Foundations of Elementary Math II	
MTH 213	Foundations of Elementary Math III	
MTH 243	Statistics I	
MTH 244	Statistics II	
MTH 251	Calculus I	
MTH 252	Calculus II	
MTH 253	Calculus III	
MTH 254	Vector Calculus I	
PHY 101	Force, Motion, and Energy	✓
PHY 102	Atoms, Matter, and Heat	✓
PHY 103	Sound, Light, and Electricity	✓
PHY 201	General Physics	✓
PHY 211	General Physics (Calculus) I	✓

## General Education Requirements - Social Sciences

The General Education credits must come from the approved OCCC General Education/Discipline Studies List.

In order to ensure a breadth of learning, which is the cornerstone of the General Education requirements, the following limitations apply:

1. Courses taken to satisfy the basic college competencies in composition and mathematics will not be accepted.
2. For AAS Degrees, no more than two courses may come from courses required by specific programs.\*



3. When an existing course meeting a General Education requirement is expanded into a multi-course sequence with the same course number with varying suffixes (e.g., 101 becomes 101a, 101b, 101c), any course in the sequence may be used to meet the General Education requirement. However, an individual student may use only one course in the sequence toward fulfillment of the requirement, even if the student takes multiple courses in the sequence.

\*Note: Because of these restrictions, it is possible that a course is acceptable as General Education for some students while it is not acceptable for others. Degree candidates who are unsure of how the General Education Policy applies to their individual cases are responsible for seeking help from an advisor or counselor.

The complete and official list of courses approved as General Education/Discipline Studies is maintained by the Instructional Leadership Team.

Criteria for General Education/Discipline Studies Course Approval are developed by the Instructional Leadership Team based on the General Education Philosophy statement and the statewide outcomes and criteria for Discipline Studies for the AAOT.

### Social Sciences Course List

Course	Title	Cultural Literacy
ATH 101	Introduction to Biological Anthropology	
ATH 102	Introduction to Archaeology and Prehistory	
ATH 103	Introduction to Cultural Anthropology	
BA 208	Introduction to Nonprofits & Philanthropy	
EC 201	Principles of Economics: Microeconomics	
EC 202	Principles of Economics: Macroeconomics	
GEO 106	World Regional Geography	✓
GEO 206	Geography of Oregon	✓
HEC 226	Child Development	
HST 101	History of Western Civilization: Ancient to Medieval	✓
HST 102	History of Western Civilization: Medieval to Modern	✓
HST 103	History of Western Civilization: Modern Europe	✓
HST 104	History of the Middle East	✓
HST 105	History of India and South Asia	✓
HST 106	History of China	✓
HST 107	History of Korea and Japan	✓
HST 201	History of the United States to 1840	✓
HST 202	History of the United States 1840-1914	✓
HST 203	History of the United States 1914 to Present	✓
HST 204	History of Women in the U.S.: Pre-colonial to 1877	✓
HST 205	History of Women in the U.S.: 1877 to Present	✓
HST 218	American Indian History	✓
HST 225	History of Women, Sex, and the Family	✓

HST 240	Oregon History	✓
HST 270	History of Mexico	✓
HST 271	History of Central America and the Caribbean	✓
HST 277	History of the Oregon Trail	✓
HST 285	The Holocaust	✓
PS 201	U.S. Government	
PS 202	U.S. Public Policy & Democracy	
PS 203	State and Local Government	
PS 205	Global Politics: Conflict & Cooperation	✓
PSY 101	Psychology and Human Relations	
PSY 201A	Introduction to Psychology - Part 1	✓
PSY 202A	Introduction to Psychology - Part 2	✓
SOC 204	Sociology in Everyday Life	✓
SOC 205	Social Changes in Societies	
SOC 206	Social Problems	✓
SOC 213	Diversity in the United States	✓
SOC 214A	Illumination Project I: Interactive Social Justice Theater	✓
SOC 214B	Illumination Project II: Interactive Social Justice Theater	✓
SOC 214C	Illumination Project III: Interactive Social Justice Theater	✓
SOC 218	Sociology of Gender	✓

## General College Policies and Procedures

### Animals on Campus

Animals present must be for legitimate instructional purposes or necessary as guide animals or guide animals in training.

### Children on OCCC Properties

Children are welcome on Oregon Coast Community College campuses and properties in appropriate situations and while actively supervised by a parent, guardian, or responsible adult. This statement outlines the College's approach to ensuring that reasonable steps are taken to protect the study and work environment of the College, and the health, safety, and liability issues associated with children on OCCC properties.

#### SCOPE

This statement applies to minor children under the age of 16 who are not officially enrolled in classes or employed by the College. It does not apply to school field trips, and approved programs including, but not limited to productions, art programs, and other events targeted to children. Students under the age of 16 who are officially admitted, and who have completed the Underage Admission process have the same rights, responsibilities and privileges of any other student in the classroom and on college properties.

## APPLICATION

The College seeks to provide an adult learning environment which is conducive to study and work. Children must be actively supervised by their parent, guardian, or responsible adult at all times when they are on college properties. College staff, faculty, and administrators have the responsibility to direct the removal of a child in accordance with the "responsibilities of OCCC staff and instructors" section of this statement. Due to safety and liability issues, except as otherwise defined, under no circumstances may unsupervised children be on college properties, including playing, roaming, and occupying campus grounds or buildings. Any college employee who finds an unaccompanied child on college properties should inform the Dean of Students and/or the Facilities & Public Safety Manager of the location of the child.

## RESTRICTED AREAS

Children cannot be allowed in areas where their presence is disruptive to the adult learning environment or where health, safety, and liability risks are identified. Areas in which children are NOT permitted include:

- Testing centers
- Classrooms
- Laboratories and laboratory preparation areas
- Scientific, technical and maintenance work spaces
- Fine or performing arts work spaces or studios
- Areas that contain hazardous chemicals, machinery or equipment
- Commercial kitchens and other food preparation areas

Other areas may be identified as unsuitable for children as a result of a risk assessment and supervisors of the respective areas are required to inform staff and students of requirements or restrictions.

## RESPONSIBILITY OF THE COLLEGE

- To provide an adult learning environment conducive to study and work for all students, staff and visitors.
- To provide a healthy and safe study and work environment for all students, staff and visitors and to comply with legislative requirements.
- To take reasonable steps to assist students, staff and visitors who may have special needs to enable access to facilities and services.

## RESPONSIBILITIES OF PEOPLE BRINGING CHILDREN INTO THE COLLEGE

- To take reasonable steps to safeguard the health and safety of the children in their care while on college properties.
- To consider the potential risk to the health and safety of others that may come with bringing children into the College environment and to take reasonable steps to safeguard against those risks.
- To be responsible for the behavior of the children in their care, so as not to disrupt, inconvenience or endanger staff, students or other visitors.

## RESPONSIBILITIES OF OCCC STAFF AND INSTRUCTORS

- To direct removal of a child in accordance with this statement if: The child's health or safety is at risk;
- The child is presenting a health, safety or liability risk to property or others;
- The child's behavior is causing undue disruption to the work of students or staff; or
- The presence of a child is unsuitable.

In the case of public areas, any member of staff on duty has the authority to direct that children be removed from the area. Concerns and complaints regarding this statement will be adjudicated by the Dean of Students.

## Computers and Computer Viruses

Oregon Coast Community College is not responsible for loss of student work, data, software, or hardware caused by computer viruses or any malfunction of college computers, including all computer hardware and software. The College is not responsible for data files left on college computer hard drives.

The College Computer and Network systems are the sole property of Oregon Coast Community College. They may not be used by any person without the proper authorization of the College. The Computer and Network systems are for College instructional and work-related purposes only.

This policy applies to all College students, faculty, and staff and to others granted use of College information resources. This policy refers to all College information resources whether individually controlled or shared, stand-alone or networked. It applies to all computer and computer communication facilities owned, leased, operated, or contracted by the College. This includes personal computers, workstations, mainframes, minicomputers, and associated peripherals, software and information resources, regardless of whether used for administration, research, teaching, or other purposes.

The complete policy is available online at <https://oregoncoast.edu/wp-content/uploads/2021/03/AP-3720-Technology-Acceptable-Use-Policy-3.10.21.pdf>

## Computer Use Guidelines for Public Access Computers

OCCC's has computers in public areas of the college. These computers are available for use by the general public (people not enrolled in classes or affiliated with the College's instruction or operation. Use of computers in public areas is subject to limitations depending on demand levels by users affiliated with the College. The College reserves the right to limit access to these computers as needed.

The College Computer and Network systems are the sole property of Oregon Coast Community College. They may not be used by any person without the proper authorization of the College. The Computer and Network systems are for College instructional and work-related purposes only.

This policy applies to all College students, faculty, and staff and to others granted use of College information resources. This policy refers to all College information resources whether individually controlled or shared, stand-alone or networked. It applies to all computer and computer communication facilities owned, leased, operated, or contracted by the College. This includes personal computers, workstations, mainframes, minicomputers, and associated peripherals, software and information resources, regardless of whether used for administration, research, teaching, or other purposes. The complete policy is available online at <https://oregoncoast.edu/wp-content/uploads/2021/03/AP-3720-Technology-Acceptable-Use-Policy-3.10.21.pdf>

## Communication Policy

Oregon Coast Community College will use electronic communication methods to conduct official and legal college business. Communication to OCCC students via electronic communication methods will speed the delivery of information. Every student and employee is given the appropriate account(s) to access these communications.

Recipients are expected to read all electronic communications from the College to their sent to their oregoncoast.edu email account(s). Recipients will be expected to read all electronic communication related to OCCC business and when necessary take action as a result of communications received from the College. It is expected that students will monitor their email accounts often to receive the most up-to-date information from the College.

## Conflict Resolution/Grievance Procedure

### I. Purpose

When there is a difference of opinion regarding college procedures, policies, decisions, values, or treatment, students at OCCC are encouraged to seek resolution with the individual the conflict exists with, or his/her supervisor. **Please note, this requirement does not apply in cases of alleged sexual harassment, sexual misconduct or discrimination.** In those cases, the student should contact the Vice President of Student Affairs, Andres Oroz, 541-867-8511, [andres.oro@oregoncoast.edu](mailto:andres.oro@oregoncoast.edu) or Director of Human Resources, Joy Gutknecht, 541-867-8515, [joy.gutknecht@oregoncoast.edu](mailto:joy.gutknecht@oregoncoast.edu) 400 SE College Way, Newport, OR 97366

### II. Grievance Procedure

Grievance issues should be resolved in a timely manner. In order to assure this, time restrictions are a part of each step. If a student grievant misses a deadline, the process is considered to be terminated. If college personnel fail to meet a deadline, the grievance is forwarded automatically to the President for resolution. The timelines can be extended by mutual agreement between the involved parties at any time. Timelines start when written materials are submitted to the Vice President of Student Affairs.

#### Step 1: Informal Grievance Procedures for Conflict Resolution with Students/Faculty/Staff Members

1. The student is encouraged to discuss the problem with the faculty, staff member, or student directly involved within ten (10) working days of the event's occurrence.

2. If the student chooses not to discuss the problem with the other party, or the problem is not resolved during the discussion, student should begin the formal grievance procedures.

#### Step 2: Formal Grievance Procedures

1. If the problem cannot be resolved informally, as described in Step 1 above, or if the student chooses not to discuss with problem with the other party, the student may file a college Grievance Form. Grievance Forms are available [online](#) or at OCCC Student Affairs counter and all other OCCC centers. The completed form must be turned in to the Vice President for Student Affairs' Office within ten (10) working days of meeting with the faculty/staff/student or the event's occurrence. If the grievance is focus against the Vice President of Student Affairs, students should direct their grievance to the President.
2. Within ten (10) working days of receipt of the formal written grievance form, the Vice President for Student Affairs will contact all involved parties and will investigate the grievance.
3. The Vice President for Student Affairs shall issue a written decision to all parties involved within ten (10) working days of receipt of the student's grievance.

#### Step 3: Appeal of Vice President for Student Affairs' Decision

1. If the student does not accept the decision of the Vice President for Student Affairs, the student may submit a written appeal to the President within ten (10) working days of receipt of the decision of the Vice President of Student Affairs.
  1. The student must present all evidence in writing, including a copy of the original grievance form and previous decisions in the matter reached at lower levels of the process.
  2. The student must also submit a written statement which explains why the decision of the Vice President for

Student Affairs was unsatisfactory, and which thoroughly describes a specific, requested remedy to the grievance.

2. Within ten (10) working days of receipt of the appeal from the student, the President shall meet with the student regarding the student's grievance and:
  1. make a summary decision; or
  2. remand the issue to the College Appeals Committee.

At the President's discretion, the issues may be remanded to the College Appeals Committee. The Committee will review the facts of the issue and make a recommended decision for the President's review and approval. The College Appeals Committee shall consist of the following people: two (2) staff members selected by the President; two (2) students selected by the Associated Student Government of OCCC; and two (2) persons representing faculty designated by the College.

#### Step 4: Final Decision

At the conclusion of Step 3 above, as determined by the discretion of the President, the President shall issue a written decision on the grievance to all parties involved within ten (10) working days of the meeting with the student. The decision of the President is final and not subject to further appeal.

## Crime Awareness and Campus Security

The Crime Awareness and Campus Security Act of 1990 requires all colleges to distribute to students and employees current policies and procedures for campus security, reporting procedures, and a summary of criminal violations in previous years. The report applies to on-campus violations only. These reports are available from the Facility Manager and on our website.

Oregon Coast Community College- Newport has an after hours on-campus security officer present from 5:30pm to

9:30pm. If a major problem or incident should occur, the services of local law enforcement agencies will be utilized.

Oregon Coast Community College encourages students to take personal responsibility for their own safety and for the safety of others. Students are urged to keep their cars locked, to keep track of their personal belongings at all times, to park in well lighted areas, and to walk to their parked cars with someone they know.

## Directory Information

### *Background:*

The federal Family Educational Rights and Privacy Act (FERPA) requires that Oregon Coast Community College, with certain exceptions, obtain a student's written consent prior to the disclosure of personally identifiable information (PII) from the student's education records. However, Oregon Coast Community College and other educational institutions may disclose what the College (OCCC) has defined as "directory information" without written consent, unless the student has advised the College (OCCC) to the contrary in accordance with Oregon Coast Community College procedure.

### *Purpose:*

One purpose of directory information is to allow Oregon Coast Community College to include information from student education records in certain college publications, or to local news media to recognize student achievements and awards. Examples include, but are not limited to:

- A list of OCCC graduates, their degrees/certificates completed, and awards received, provided to local newspapers;
- Publication of student achievement of honors and President's/Deans' List awards;
- Publication of graduation programs;
- Recognition of scholarship recipients.

Under FERPA law, student directory information, which is information that is generally not considered harmful or an invasion of privacy if released, can also be disclosed to outside organizations without the student's prior written consent. Outside organizations to whom Oregon Coast Community College may release student directory information include, but are not limited to,

- Employers considering students for interviews, seeking verification of degrees/certificates completed or in progress;
- Other institutions of higher education;
- Local agencies to provide confirmation of student status for housing requests.

### *OCCC Definition of Student Directory Information:*

In recognition of its responsibility to protect both the family privacy and the safety of its students, Oregon Coast Community College defines and limits directory information to include only the following student information:

- Student's name
- Major field of study
- Dates of attendance
- Enrollment status (e.g., undergraduate or graduate, full-time or part-time)
- Grade level
- Degrees, honors, and awards received

### *Student Directory Information Opt-out Procedure:*

If a student does not want Oregon Coast Community College to disclose any or all of the types of information designated above as directory information from their education records without their prior written consent, the student must notify the Registrar at Oregon Coast Community College by using the opt-out provisions within the FERPA/Student Directory Information/Solomon Amendment notification sent to students each term, or by completing the OCCC Student Directory Information Opt-out Form. Student opt-outs must be received by the date specified within the notification. Student forms can be found on the [Student Forms webpage](#).

## FERPA (Family Education Rights and Privacy Act)

Also seen on the OCCC website at Student Records and FERPA.

### Notification of Rights under FERPA for Oregon Coast Community College (OCCC) Students

The Family Educational Rights and Privacy Act (FERPA) affords eligible students certain rights with respect to their education records. (An "eligible student" under FERPA is a student who is 18 years of age or older or who attends a postsecondary institution at any age.) These rights include:

1. The right to inspect and review the student's education records within 45 days after the day Oregon Coast Community College receives a request for access. A student should submit to the Registrar a written request that identifies the record(s) the student wishes to inspect. The school official will make arrangements for access and notify the student of the time and place where the records may be inspected.
2. The right to request the amendment of the student's education records that the student believes is inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.

A student who wishes to ask OCCC to amend a record should write the OCCC Registrar, clearly identify the part of the record the student wants changed, and specify why it should be changed.

If OCCC decides not to amend the record as requested, OCCC will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to provide written consent before OCCC discloses personally identifiable information (PII) from the student's education records, except to the extent that FERPA authorizes disclosure without

OCCC discloses education records without a student's prior written consent under the FERPA exception for disclosure to College officials with legitimate educational interests. A College official typically includes a person employed by OCCC in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person serving on the board of trustees; or a student serving on an official committee, such as a disciplinary or grievance committee. A College official also may include a volunteer or contractor outside of OCCC who performs an institutional service or function for which the College would otherwise use its own employees and who is under the direct control of the College with respect to the use and maintenance of PII from education records, such as an attorney, auditor, or collection agent or a student volunteering to assist another College official in performing his or her tasks. A College official typically has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for OCCC.

Upon request, the College also discloses education records to officials of another school or college in which a student seeks or intends to enroll.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the OCCC to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

Student Privacy Policy Office  
U.S. Department of Education  
400 Maryland Avenue  
SW Washington, DC 20202

The Family and Educational Right to Privacy Act (FERPA) permits the disclosure of PII from students' education records, without consent of the student, if the disclosure meets certain conditions found in § 99.31 of the FERPA regulations. Except for disclosures to College officials, disclosures related to some judicial orders or lawfully issued subpoenas, disclosures of directory information, and disclosures to the student, § 99.32 of FERPA regulations requires the institution to maintain a record of the disclosure. Eligible students have a right to inspect and review the record of disclosures.

In accordance and compliance with these FERPA provisions for higher education institutions, Oregon Coast Community College discloses PII from education records without obtaining prior written consent of the student:

- To other College officials, including faculty, within OCCC whom the College has determined to have legitimate educational interests. This includes contractors, consultants, volunteers, or other parties to whom the College may have outsourced institutional services or functions, provided that the FERPA conditions listed are met. [\[i\]](#)
- To officials of another school or College where the student seeks or intends to enroll, or where the student is already enrolled if the disclosure is for purposes related to the student's enrollment or transfer, subject to the FERPA requirements. [\[ii\]](#)
- To authorized representatives of the S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or State and local educational authorities, such as a State postsecondary authority that is responsible for supervising the university's State-supported education programs. Disclosures under this provision may be made, subject to the FERPA requirements, in connection with an audit or evaluation of Federal- or State- supported



education programs, or for the enforcement of or compliance with Federal legal requirements that relate to those programs. These entities may make further disclosures of PII to outside entities that are designated by them as their authorized representatives to conduct any audit, evaluation, or enforcement or compliance activity on their behalf.

[iii]

- In connection with financial aid for which the student has applied or which the student has received, if the information is necessary to determine eligibility for the aid, determine the amount of the aid, determine the conditions of the aid, or enforce the terms and conditions of the aid. [iv]
- To organizations conducting studies for, or on behalf of, the College, in order to: (a) develop, validate, or administer predictive tests; (b) administer student aid programs; or (c) improve instruction. [v]
- To accrediting organizations to carry out their accrediting functions. [vi]
- To parents of an eligible student if the student is a dependent for IRS tax purposes. [vii]
- To comply with a judicial order or lawfully issued subpoena. [viii]
- To appropriate officials in connection with a health or safety emergency, subject to FERPA provisions. [ix]
- Information the College has designated as “directory information” under FERPA provisions. [x]
- To a victim of an alleged perpetrator of a crime of violence or a non-forcible sex offense, subject to the FERPA requirements. The disclosure may only include the final results of the disciplinary proceeding with respect to that alleged crime or offense, regardless of the finding. [xi]
- To the general public, the final results of a disciplinary proceeding, subject to the FERPA requirements, if the College determines the student is an alleged perpetrator of a crime of violence or non-forcible sex offense and the student has committed a violation of the College’s rules or policies with respect to the allegation made against him or her. [xii]
- To parents of a student regarding the student’s violation of any Federal, State, or local law, or of any rule or policy of the College, governing the use or possession of alcohol or a controlled substance if the College determines the student committed a disciplinary violation and the student is under the age of 21. [xiii]

References:

The provisions of the Family Educational Rights and Privacy Act (FERPA) are published at the following link: <https://www2.ed.gov/policy/gen/reg/ferpa/index.html> and contained with the US Code of Federal Regulations Title 34 CFR, Part 99.

[i] (Title 34, Part 99.31(a)(1))

[ii] (Title 34, Part 99.31(a)(2))

[iii] (Title 34, Part 99.31(a)(3) and 99.35)

[iv] (Title 34, Part 99.31(a)(4))

[v] (Title 34, Part 99.31(a)(6))

[vi] (Title 34, Part 99.31(a)(7))

[vii] (Title 34, Part 99.31(a)(9))

[viii] (Title 34, Part 99.31(a)(9))

[ix] (Title 34, Part 99.31(a)(10))

[x] (Title 34, Part 99.37, and 99.31(a)(11))

[xi] (Title 34, Part 99.31(a)(13))

[xii] (Title 34, Part 99.31(a)(14))

[xiii] (Title 34, Part 99.31(a)(15))

## Harassment

Oregon Coast Community College is committed to maintaining a learning and working environment that is free of harassment for all persons. It is the policy of Oregon Coast Community College that all students and employees will be able to learn and work in an environment free from discrimination and harassment. Therefore, it is a violation of College policy for any student or employee to engage in harassment (including sexual harassment) of any other College student or employee based on personal characteristics, including, but not limited to race, religion, color, gender, sexual orientation, national origin, age, marital status, parental status, veteran status, or disability. Any student, employee, or organization with a substantiated violation of this policy will be subject to disciplinary action including possible suspension and/or expulsion or dismissal.

If you are a student who has experienced harassment or discrimination, please contact the Vice President Student Affairs. If you are an employee, contact Human Resources at 541-857-8515.

*OCCC is also committed protecting all students from gender-based and sexual misconduct. Students who have experienced gender-based harassment or discrimination or experienced any sexual misconduct on or off-campus shall contact the Title IX Coordinator, the Vice President Student Affairs at 541-867-8511. Students can view OCCC’s Gender-Based and Sexual Misconduct Policy online at <https://oregoncoast.edu/title-ix-policies/>*

## Hazing

Hazing is defined as any action that endangers the physical, emotional, mental health or safety of an individual, or destroys or damages personal property for the purpose of initiation, membership, admission or participation in a group or organization.

Oregon Coast Community College will not tolerate hazing in any form. This applies to faculty, staff, and students. Some important things to know about hazing:

- Expressed or implied consent of the person subject to hazing is not a defense.
- Apathy and acquiescence in the presence of hazing are not neutral acts; they are violations of this rule.
- Hazing is prohibited under Oregon Law, [ORS 163.197](#), under which hazing is a criminal violation.

Examples of hazing could include, but are not limited to:

- interfering with a Student's academic performance by denying sufficient time for class or study
- compelling ingestion of any substance
- compelling participation in physical activities such as calisthenics, exercise, or other games or activities requiring physical exertion
- compelling exposure to weather elements or other physically or emotionally uncomfortable situations
- compelling excessive fatigue from sleep deprivation, physical activities, or exercise
- committing any act of physical brutality against another including but not limited to paddling, striking with fists, open hands or objects, and branding
- compelling conduct that can be reasonably expected to embarrass or adversely affect the dignity of another, including the performance of public stunts and activities
- compelling another to commit any sexual act or engage in lewd behavior;
- compelling any act that results in the destruction, defacement or removal of private or public property

If you have experienced or witnessed hazing, or have questions or concerns about this policy, please contact Vice President Student Affairs, 541-867-8511

## Inclement Weather

Severe rain, wind, and sometimes snow are regular occurrences at the Central Oregon Coast during fall and winter months. On rare occasions, the College may need to close temporarily. If, for any reason, this information is not disseminated via local radio stations, the College's voicemail at the Central County Campus will reflect the College's status. (The College's regular voicemail indicates a regular schedule.)

Because of varying circumstances throughout the county, there may be a situation in which an instructor may not be able to make it to class although the College remains open. In that case, the instructor will contact the College as well as email the students in their classes. Students are urged to carefully evaluate their particular situation before traveling to the College. Personal safety is paramount. Please listen to local radio stations for any closure or reduction of schedule due to inclement weather.

The College also utilizes a fast alert system called Flash Alert. Please visit [www.FlashAlert.net](http://www.FlashAlert.net) to sign up for notifications. You can also check the College website at [www.oregoncoast.edu](http://www.oregoncoast.edu).

## Medical Emergency Policy

Agencies in Lincoln County provide emergency medical services. The medical service can be accessed by dialing 911. In the event of injury or the onset of sudden illness, an ambulance may be summoned at the student's request. No college employee is expected to provide first aid; however, should they decide to utilize first aid training, they do so as "good Samaritans."

When someone conveys a message to the College about a medical emergency involving a family member, every effort will be made to contact students, bring them to a phone, or deliver messages to them. As a general rule, members of the instructional staff will not be disturbed while teaching unless the matter is very urgent and cannot be delayed until the end of the class period.

## Student Conduct and Discipline

The Dean of Students is assigned administrative responsibility for student discipline. The Dean of Students is responsible for overseeing the assembly of facts on cases referred to the Dean of Students' office, making provisions for suitable procedures, notifying students and others concerned, keeping confidential files and reports on cases, and following up with each discipline case until it is closed.



## Guidelines for Student Conduct

As a community of people seeking education, Oregon Coast students are dedicated to developing personally and academically. Choosing to join the College community obligates each member to a code of behavior. Students enrolling in the College assume a responsibility to conduct themselves in a manner compatible with the College's function as an educational institution.

Oregon Coast students will:

- Practice personal and educational integrity.
- Maintain standards of academic performance and contribute to the safe, cooperative, and respectful learning environment throughout the College.
- Discourage bigotry and respect the diversity and dignity of all persons.
- Respect the rights and property of all persons.
- Bear the ultimate responsibility for the effects of their decisions and behavior.

Although OCCC is dedicated to an open, free society, there are some actions that are incompatible with an institution of higher education. Incompatible actions and grounds of disciplinary action will include, but not be limited to the following:

- Dishonesty including, but not limited to, cheating, plagiarism, or knowingly furnishing false information to the College.
- Forgery, alteration, or misuse of college documents, records, or identification.
- Obstruction or disruption of teaching, institutional or instructional research, administration of the College, disciplinary procedures or other College activities including, but not limited to, meetings of the Board of Education, community service functions, or other authorized activities on College premises.
- Physical or verbal abuse or harassment of any person on College-owned or controlled property, or at College-sponsored or supervised functions, or conduct which threatens or endangers the health or safety of any such person.
- Theft of or damage to property or equipment owned or leased by the College, or of a member of the College community, or of a visitor to the campus.
- Unauthorized entry or occupancy of College facilities or blocking access to or egress from such areas.
- Unauthorized use of College supplies or equipment.
- Violation of College policies or campus regulations, including, but not limited to, campus regulations

concerning student organizations, the use of College facilities, or the time, place, and manner of public expression.

- Illegal use, possession, or distribution of drugs on College property or appearance on campus or at any College sponsored event while under the influence of illegal drugs. This includes off-campus instructional settings; i.e., cooperative work experience sites, clinical practicums, field trips, etc.

Student use of alcoholic beverages in any form will be prohibited in OCCC buildings and on district property, except when used for instructional purposes in an approved class or when consumed at events which are sponsored by community groups which possess a liquor license and are approved by the College president to exercise their liquor license privilege on campus.

Use or possession of alcoholic beverages at any College sponsored event off campus is restricted to students of legal age.

Disorderly conduct, lewd, indecent, or obscene conduct or expression, breach of the peace, or aiding, abetting, or procuring another to breach the peace on College-owned or controlled property or at College-sponsored or supervised functions.

Failure to comply with directions of College officials acting in the performance of their duties.

Possession or use of firearms, explosives, dangerous chemicals, substances, instruments or other weapons which can be used to inflict bodily harm on any individual or damage upon a building or grounds of the College, College-owned or controlled property or at College-sponsored or supervised functions without written authorization.

Hazing, whether it is physical or verbal, which interferes with the personal liberty of a fellow student, faculty member, or employee of the College.

### Protection of Students, Staff, and College Temporary Exclusion

Temporary exclusion is the removal of a student from a class or service area or removal from a College-sponsored function for the duration of the function. A staff member of the College may impose temporary exclusion, when the presence of the student poses a danger to students, other persons, College property or a threat of disrupting the educational process. A written report of the circumstances requiring this action will be submitted to

the Vice President Student Affairs within one (1) working day following the incident with specific directions or expectations and consequences for non-compliance.

### **Summary Suspension**

Summary suspension is the removal of a student from all College facilities for up to five (5) school days, with additional days possible, depending upon expediency. Summary suspension may be used to protect the College from the immediate possibility of disorder or threat to the safety of students or staff. A suspended student is not to occupy any portion of the campus and is denied all College privileges including class attendance.

### **Summary Suspension and Temporary Exclusion Procedures**

Summary suspension for the purpose of investigating the event or events in which the student or students were allegedly involved will be for no more than five (5) school days. However, it may be continued with utmost expediency pending final disposition of the case if it is necessary for the safety of students, or staff, or for the welfare of the College.

The President, the Vice President Student Affairs or designee, or other staff members previously designated by the president, may summarily suspend or temporarily exclude a student or students when it is deemed necessary for the safety and welfare of the College. The reason or reasons for a summary suspension or temporary exclusion and notification of action which is expected of a student and/or the student's parents if the student is under 18 years of age will be mailed to the student's address of record within one school day of the summary suspension.

Within one school day of such notification, the student and/or the student's parents will meet with the Vice President Student Affairs or designee at which time the student may present any defenses, explanations, and/or mitigation of why the summary suspension or temporary exclusion should not be continued. Students who disagree with the Vice President Student Affairs' or the designee's determination, may file a formal grievance at step two of the Grievance Conflict Resolution Procedure. The College President will be notified at the same time, in writing, of all summary suspensions or temporary exclusions.

## **Measures to Enforce Standards of Student Conduct**

### **Reprimand**

A reprimand serves to place on record that a student's

conduct in a specific instance does not meet the standards expected at the College. A person receiving a reprimand is notified that this action serves as a warning that continued conduct of the type described in the reprimand may result in further disciplinary action up to and including expulsion. The student is further informed that records of reprimands are confidential property of OCCC.

### **Disciplinary Probation**

The Dean of Students after close evaluation of the individual case, may restrict the College-related activities of individual students or groups of students as deemed necessary and feasible by placing them on disciplinary probation.

Disciplinary probation may be imposed for a period not to exceed one academic year. Repetition, during the probationary period, of the conduct which resulted in disciplinary probation may be cause for suspension or other disciplinary action. Disciplinary probation may include referral for intervention, screening, and treatment in cases where use of alcohol or other controlled substances have impaired safety and judgment.

### **Disciplinary Suspension**

Disciplinary suspension serves as a penalty against the student as a result of the student's conduct failing to meet standards expected at the College. A suspended student is not to occupy any portion of the campus (including off-campus centers) and is denied all College privileges including class attendance. Disciplinary suspension requires the approval of the College President.

### **Expulsion**

An expelled student is denied all further college privileges. Students may be expelled only with the approval of the College President. Expulsion may be revoked only by the Conflict Resolution Procedure.

### **Drug and Alcohol Policy/Drug Free School and Workplace**

Students and employees of Oregon Coast Community College are prohibited from bringing alcohol and illegal drugs onto the campus, and from using them on campus. This also applies to any offcampus college activity. An exception to the alcohol possession and use rule may be made by direction of the College President or her/his designee in specific circumstances.

The College defines the following behaviors as violations: the possession, selling, or otherwise furnishing others with any intoxicating beverage, dangerous drug, narcotic, marijuana, inhalant on College property, or at College-sponsored, or supervised functions.

Employees or students who violate state or federal law, or the College alcohol and drug policy, are subject to prosecution by local, state, and federal law enforcement agencies. Sanctions that may be imposed, consistent with local, federal, and state law for violation of College policy include:

- expulsion (removal of privilege to attend OCCC) and referral for prosecution
- suspension for a definite period of time
- disciplinary probation with specific terms for continued enrollment
- suspension and expulsion for violation of these terms
- suspension and termination of employment
- disciplinary admonition and warning

Oregon Coast Community College must be notified within five days of any criminal drug statute or conviction for a violation occurring on or off OCCC premises while conducting College business or activities. Records of convictions will be maintained by the Human Resources Manager. Within ten (10) days of receiving notice of conviction, appropriate Federal granting or contracting agencies will be notified. Within 30 days of receiving notice of conviction, appropriate disciplinary action will be taken.

In keeping with the intent of U.S. Public Law 101- 226, Section 22: Drug- Free Schools and Campuses, it is the obligation of Oregon Coast Community College to inform its students and employees of the health risks associated with use of various illicit drugs and abuse of alcohol. Any substance used through needle-sharing increases the risks of AIDS and Hepatitis B.

## Conflict Resolution/Grievance Procedure

### I. Purpose

When there is a difference of opinion regarding college procedures, policies, decisions, values, or treatment, students at OCCC are encouraged to seek resolution with the individual the conflict exists with, or his/her supervisor. If the conflict is with a service area of the College, resolution should first be sought in that area.

This grievance procedure has been established to provide individuals or groups of students the opportunity to challenge decisions and/ or actions taken by faculty, staff, or other students which they feel are in violation of their rights. Students with a grievance shall follow the process as outlined below.

## II. Grievance Procedure

Grievance issues should be resolved in a timely manner. In order to assure this, time restrictions are a part of each step. If a student grievant misses a deadline, the process is considered to be terminated. If college personnel fail to meet a deadline, the grievance is forwarded automatically to the President for resolution. The time lines can be extended by mutual agreement between the involved parties at any time.

Time lines start when written materials are submitted to the Vice President Student Affairs' Office. Under Step 2 below, to insure that grievance materials reach the appropriate office in a timely fashion, students shall file their grievances with the Vice President Student Affairs. This office is responsible for noting when the grievance is filed and for sending copies to the appropriate parties.

### Step 1: Informal Grievance Procedures for Conflict Resolution with Students/Faculty/Staff Members:

1. It is recommended that the student discuss the problem with the faculty, staff member, or student directly involved within ten (10) calendar days of the event's occurrence.
2. If the student chooses not to discuss the problem with the other party, or the problem is not resolved during the discussion, the student should meet with an advisor for further discussion and, if desired by the student, to begin formal grievance procedures.

### Step 2: Formal Grievance Procedures:

1. If the problem cannot be resolved informally, as described in Step 1 above, the student may file a college Grievance Form. Grievance Forms are available at OCCC Student Services counter and all other OCCC centers. These completed forms must be turned in to the Vice President Student Affairs' Office within seven (7) working days of meeting with an Advisor. Time lines commence at the time of the meeting with the Advisor.
2. Within seven (7) working days of receipt of the formal written grievance form, the Vice President Student Affairs will contact all involved parties and attempt to clarify the complaint and assist the parties to reach a solution that is mutually acceptable to all parties. The resolution will be provided in writing to the involved parties.
3. The Vice President Student Affairs shall issue a written decision to all parties involved within 14 working days of receipt of the student's grievance.

### Step 3: Appeal of Dean of Students' Decision:

1. If the student does not accept the decision of the Vice President Student Affairs, the student may submit a written appeal to the President within seven (7) working days of receipt of the decision of the Vice President Student Affairs.
  1. The student must present all evidence in writing, including a copy of the original grievance form and previous decisions in the matter reached at lower levels of the process.
  2. The student must also submit a written statement which explains why the decision of the Vice President Student Affairs was unsatisfactory, and which thoroughly describes a specific, requested remedy to the grievance.
2. Within seven (7) working days of receipt of the appeal from the student, the President shall meet with the student regarding the student's grievance and:
  1. make a summary decision; or
  2. remand the issue to the College Appeals Committee.

### Step 4: College Appeals Committee:

At the President's discretion, the issues may be remanded to the College Appeals Committee. The Committee will review the facts of the issue and make a recommended decision for the President's review and approval. The College Appeals Committee shall consist of the following people: two (2) staff members selected by the President; two (2) students selected by the Associated Student Government of OCCC; and two (2) persons representing faculty designated by the College Council.

### Step 5: Final Decision:

At the conclusion of Step 3 or Step 4 above, as determined by the discretion of the President, the President shall issue a written decision on the grievance to all parties involved within seven (7) working days of the meeting with the student. The decision of the President is final and not subject to further appeal.

## Student Right-to-Know

The Student Right-to-Know Act of 1990 requires each postsecondary institution receiving federal funds to inform prospective and current students about the graduate rate of its students. Information about graduation rates for first-time, degree-seeking students at Oregon Coast can be obtained by visiting the [College Navigator Website](#).

## Student Records Policies

Oregon Coast Community College maintains student records procedures consistent with the requirements of Public Law 93-380, known as Family Educational Rights and Privacy Act (FERPA), and the Pell-Buckley Amendments to Education Amendments of 1974, and all other applicable laws and regulations. The College maintains the privacy and security of the personal and academic records of students. Records regarding academic achievement, financial aid, evaluation tests, and payment of tuition and fees are the College's property. Students, College faculty and staff, and legal processes have access to records in accordance with the Student Records Policy and Procedures. Professional evaluations and references about the liability and character of students may be provided under appropriate circumstances. In an emergency, professional judgement may be used to authorize release of student information.

## Student Rights and Responsibilities

[Academic Freedom](#)

[Rights of Citizenship and Off-Campus Freedom of Students](#)

[Rights of the Associated Student Government](#)

[Student Participation in the Institutional Government](#)

[Student Publications](#)

### Academic Freedom

Students have the right of free discussion, inquiry, and expression. Students may take reasonable exception to the data or views offered in any course of study and retain personal judgment about matter of opinion. Students will be evaluated solely on academic performance.

Students will be protected against capricious or arbitrary academic evaluation. Information about student views, beliefs, and political associations which professors acquire in the course of their work as instructors, advisors, or counselors is confidential.

### Rights of Citizenship and Off-Campus Freedom of Students

As citizens and legal residents, students enjoy the same freedom of speech, peaceful assembly, and right of petition that other citizens and legal residents enjoy.

Faculty members and administrative officials will ensure that institutional powers are not employed to inhibit such intellectual and personal development of students, nor to duplicate the function of civil authorities.

Students are free to organize and join associations to promote their common interests. Campus and approved off-campus organizations will be open to all students and must not discriminate on the basis of race, color, sex, sexual orientation, marital status, religion, national origin, age, disability, veteran status, or family relationship.

## Rights of the Associated Student Government

(Chartering of Student Organizations)

Only Members of the Associated Student Government of OCCC (ASGOCCC) will approve the chartering of student organizations subject to the approval of the Vice President Student Affairs. Student organizations will be required to submit a statement of purpose, criteria for membership, and rules of procedures before the granting of a charter, as outlined in the ASGOCCC constitution and by-laws. They will not be required to submit a membership list as a condition of institutional recognition. Each organization will choose its own advisor from the OCCC staff. If an advisor is not selected by the organization, the College may assign an advisor. Institutional recognition will not be withheld or withdrawn solely because of the inability of a student organization to secure an advisor. Coadvisors may be secured from off campus. Campus advisors may advise organizations in the exercise of responsibility, but they will not have the authority to dictate the policy of such organizations.

Affiliations with an off-campus organization will not prevent institutional recognition, unless the affiliation seriously threatens to cause a substantial disruption or material interference with normal operation of the College. Campus organizations, including those affiliated with an off-campus organization, will be open to all students in accordance with applicable College policies.

## Student Participation in the Institutional Government

As constituents of OCCC, students will be free to express their views on issues of institutional policy and on matters of general interest to the students. The students and/or their association are given the opportunity to

provide input in the formulation and application of institutional policy. To this end, students are encouraged to attend OCCC Board of Education meetings.

## Student Publications

In the delegation of editorial responsibility to students, the institution provides sufficient editorial freedom and financial autonomy for the student publications to maintain their integrity of purpose as vehicles for free inquiry and free expression in an academic community. Publications will adhere to the Oregon Code of Ethics for Journalism of the Oregon Newspaper Publisher's Association.

All OCCC published and financed student publications will explicitly state on the editorial page that the opinions expressed are not necessarily those of the College or ASGOCCC. Complaints on publication rights will be handled through the Conflict Resolution Procedure.

## Academic Policies and Procedures

### Academic Integrity

#### 1. Policy

Learning is built on the fundamental qualities of honesty, fairness, respect and trust. At Oregon Coast Community College, academic integrity is a shared endeavor characterized by truth, personal responsibility, and high academic standards. Any violation of academic integrity devalues the individual and the community as a whole. One important aspect of academic integrity is academic honesty. Violations of academic honesty include: Plagiarism, Collusion/Inappropriate Assistance, Cheating, Fabrication/Falsification/Alteration, Unauthorized Multiple Submission, Sabotage, and Tampering. A student who violates academic honesty will be subject to disciplinary action according to Student Rights and Responsibilities.

#### 2. Definitions

Violations of academic honesty may include:

##### *Plagiarism:*

Presenting someone else's words, ideas, artistry, product, or data as one's own. Presenting as new and original an idea or product derived from an existing source.

#### ***Collusion/Inappropriate Assistance:***

Helping another commit an act of academic dishonesty. Knowingly or negligently allowing work to be used by others. It is a violation of Oregon state law to create and offer to sell part or all of an educational assignment to another person (ORS 1.65.114).

#### ***Cheating:***

An act of deceit, fraud, distortion of truth, or Improper use of another person's effort to obtain an educational advantage. Includes, but is not limited to, unauthorized access to examination materials prior to the examination.

### **3. Procedures of Academic Integrity Inquiry Process**

#### ***Action/Steps by Faculty:***

The faculty member observing or investigating an apparent violation of academic honesty meets with the student and shares the Oregon Coast Community College Academic Integrity Policy and Procedures. The faculty member explains to the student the procedures and penalties for violation of academic honesty, and provides the student an opportunity to explain the incident.

If, after initial investigation and conference with the student, the faculty member resolves the issue informally with the student and determines that there was no violation of academic honesty, the process is concluded and there is no need to complete the Academic Integrity Concern Form. If, after initial investigation and conference with the student, the faculty member finds that there has been some violation of academic honesty, the violation is documented, using the Academic Integrity Concern Form.

After the alleged act of academic dishonesty, the faculty member collects evidence by assembling all relevant documentary evidence and creating a paper trail of all that occurs. Often the evidence will include various samples of the student's work showing a radical disparity in style or ability.

If the faculty member finds the student to have been dishonest, the faculty member may resolve the matter by determining an appropriate course of action, which may include an oral or written warning; or a grade of "F" or zero on an assignment, project, or examination; or a lower grade or grade of "F" or "No Pass" for the course. The completed Academic Integrity Concern Form is submitted to the Vice President Academic Affairs.

In the event the faculty member's investigation is pending at the time course grades are due, the faculty member may elect to submit a mark of "I" (Incomplete),

with the student informed in writing by the faculty the reason for the investigation and the incomplete mark via the Academic Integrity Concern form.

### **4. Consequences for Violations of Academic Honesty**

#### ***Involvement of the Vice President Academic Affairs:***

If the accused student contests the faculty member's decision, a meeting with the Vice President Academic Affairs may be requested.

If the faculty member wishes to assign a grade of "F" or "No Pass" for the course, or initiate further disciplinary action (e.g., place the student on program-based academic probation), the student is entitled to a meeting with the Vice President Academic Affairs for the purpose of further inquiry into the incident.

Within ten (10) working days of receiving the Academic Integrity Concern Form, the Vice President Academic Affairs coordinates a meeting between all parties regarding the alleged incident of academic dishonesty.

Official notification of this meeting should be in writing. The purpose of the meeting is for the student to hear the charges and present his/her side of the case. The Vice President Academic Affairs will consider any evidence submitted within seven (7) days of the meeting, and interview persons as warranted. They determine if the action recommended by the faculty member is appropriate. If the student misses the meeting, the faculty member and the Vice President Academic Affairs may proceed with the process to completion.

Within five (5) working days of the meeting, the Vice President Academic Affairs sends written notification of the results of the inquiry to the student and faculty member. The decision of the Vice President Academic Affairs is final. Further consequences may be imposed by them in cases of grievous violations of academic honesty or for a continued pattern of violations.

## **Attendance Policy**

1. Students are expected to attend all classes in which they are enrolled.
2. Repeated absences will affect a student's grade.
3. Students are responsible for dropping or withdrawing from registered classes by completing the official drop/withdrawal process.
4. Students who stop attending and who fail to drop or withdraw from a class by the published deadline may earn a grade of F or NP according to the grade system option selected by the Student.
5. Students having excessive absences and who fail to



drop or withdraw from a class by the published deadline may earn a grade of F or NP according to the grade system option selected by the Student.

6. Faculty must record the last date attended for students that earn an F or NP.

7. Faculty will take first week attendance.

8. Students who faculty have marked absent for more than 50% of class meetings the first week of the term will be dropped by Enrollment Services.

9. Students who fail to attend or stop attending classes and fail to drop those classes by the published drop deadline will be responsible for the associated tuition and fees.

## Class Cancellations

Minimum enrollment numbers are required for a class to be held. If a course is canceled by the College, a refund will be granted.

## Enrollment Limitations

The College may restrict enrollment in a class or program because of limited staff, space, or equipment, or by because of other regulations or government guidance.

Enrollment is also limited for some programs, e.g., Aquarium Science, Emergency Medical Technology, Medical Assisting, and Nursing, because of special admission requirements.

## Final Examinations

Final examinations are given at the close of each term. Students are required to take final examinations at the scheduled time, usually at the last scheduled class meeting in the final week of the term. If unusual circumstances warrant taking them at another time, arrangements must be made with the instructor in advance.

## Standards for Academic Progress

<https://oregoncoast.edu/sap/>

The information below refers to ACADEMIC SAP. If you are looking for the requirements for Financial Aid SAP, please visit the "Financial Aid Satisfactory Academic Progress" in the catalog, or the link above.

Degree and certificate seeking students are in good academic standing if they are making satisfactory academic progress.

Degree and certificate seeking students will be evaluated using the following criteria:

1. Cumulative GPA of at least 2.0
2. Cumulative credit completion rate of at least 67% (PCC/OCCC credits will be used in this calculation.)

In this procedure, "consecutive" means back-to-back terms of attendance. Examples:

- Spring and fall (non-attendance summer term)
- Fall and winter
- Fall and spring (non-attendance winter term)

## Guidelines

At the end of each academic term the Registrar will evaluate the academic progress of degree and certificate seeking students based on the criteria listed above. The Registrar will send an electronic notification, prior to the start of the next term, to each student placed on Academic Probation, Academic Warning or Academic Suspension, outlining any required steps.

## Good Academic Standing

Students are considered in good academic standing if they have a cumulative GPA of at least 2.0 and a cumulative credit completion rate of at least 67%.

## Academic Warning

Students are considered on academic warning if their cumulative GPA is below 2.0 or their cumulative credit completion rate is below 67%.

Students will be reinstated to good academic standing as soon as their GPA is 2.0 or higher and have a cumulative credit completion rate of at least 67%.

Students on academic warning must submit a re-entry form and meet with an academic advisor to complete an academic plan.

## Academic Probation

Students are placed on academic probation after a term on academic warning if their cumulative GPA is below 2.0 or their cumulative credit completion rate is below 67%.

## Academic Suspension

Students are placed on academic suspension if their cumulative GPA remains below 2.0, or their credit completion rate is below 67% for a third consecutive term. A hold will be placed on a student's account preventing them from registering.

Students will have the right to appeal their academic suspension status by submitting an appeal by Thursday

of week one of the term. The appeal will be reviewed by the Registrar. Students who do not wish to appeal their academic suspension status and who wish to continue taking classes must complete a re-entry form. If the student fails to submit a completed appeal or re-entry form by Thursday of week one of the term the student will be administratively dropped from all courses.

As part of the appeal or re-entry process, the Registrar may require that the student complete one or more of the following conditions:

- Participate in 10 hours of documented tutoring.
- Limit enrollment during his/her next term or terms of attendance.
- Limit course format (example: online or face to face).

The Dean of Students' Office has discretionary power to work within these guidelines to implement any conditions if warranted or to extend them as deemed appropriate.

For additional information email [registrar@oregoncoast.edu](mailto:registrar@oregoncoast.edu) or at 541-867-8538.

## How College Credits are Calculated

The standard unit of measurement of college work is called a credit hour. Oregon Coast Community College uses the quarter credit hour system. A college quarter hour credit is granted in most cases for each 11-12 hours that a course meets during the term. A three-credit course then, would normally meet three hours per week for a total of 33-36 hours per term. During the eight-week summer term, more class hours are required each week to achieve the total required hours. Some laboratory and technical courses may have different hour requirements. A laboratory period may consist of two or more clock hours per credit hour. Two to three hours of outside preparation are normally required for each clock hour that a course meets. Some courses may require additional hours of preparation.

## How Credits Per Term Affect Enrollment Status

Full-time students at Oregon Coast Community College are those who register for 12 or more credits per term. Most degree programs require at least 90 credits. In order for a student to complete a degree within two years, it is necessary to take a minimum of 15 college level credits

per quarter. No student may enroll in more than 18 credit hours in any single term without the approval of an academic advisor.

Students working while attending college should keep in mind that most classes require two to three hours of outside preparation for each class hour. College policies and procedures may change at any time. Changes may affect programs, policies, procedures, curriculum, calendar, schedules, instructors, or costs. The college will attempt to post important changes and new information on the college web page. This catalog is an informational guide for students planning courses of study, but students should periodically consult with an advising specialist or college staff for updated information not available at the time of publication. This catalog and class schedules shall not be construed as a contract between the student and the College. 40 Work and college schedules may need to be adjusted to assure a successful college education.

## Transfer Credit Standards and Credit for Prior Learning Processes

Credits from other institutions may be accepted toward degree requirements if the course is evaluated as being equivalent to OCCC coursework, and the course was completed with a passing grade. Some programs or disciplines may have limits on the age of transfer credits accepted for evaluation.

For application to limited entry programs (Nursing and Aquarium Science), evaluation of transfer credits is restricted to those completed at a regionally accredited college or university.

The college evaluates coursework for Lower Division Collegiate (LDC) and Upper Division Collegiate (UDC) classes where grades of A, B, C, or P/S (Pass/Satisfactory) were earned. P/S grades are only transferable if the transferring institution awarded that grade for C or higher. If a D was considered P/S, it is not transferable.

Courses not from regionally accredited bodies will be evaluated on an individual basis and require submission of course syllabi with the official transcript to support their evaluation. Submission of syllabi with the official transcript does not guarantee acceptance of transfer credit.

Transfer students should bring an unofficial transcript to their initial advising appointment to review any potential transferable credits as well as the current program requirements.

Transfer GPA is not included in the overall GPA on transcripts.

For non-degree seeking students the college evaluates coursework in order to satisfy prerequisites, as well as commonly used preparatory coursework in other subject areas (e.g. Biology). To request evaluation of your transfer credits, please contact the OCCC Registrar ([registrar@oregoncoast.edu](mailto:registrar@oregoncoast.edu)). You must be a current credit student to request a transfer credit evaluation. Submit this request after you have requested official transcripts from all schools where you have transfer coursework be sent to OCCC. Transcripts can be sent electronically to the Registrar, or via mail to:

Registrar  
Oregon Coast Community College  
400 SE College Way  
Newport, OR 97366

Transfer evaluations are performed in the order in which they are received. The College will not provide copies of transcripts from other institutions to students or other institutions. The Registrar is responsible for determining acceptance of transfer work to meet college requirements. Students should meet with an academic advisor to review program requirements.

### INTERNATIONAL COURSEWORK

For consideration of transfer credit for courses taken in a foreign country, students must have their transcripts and any available course descriptions translated into English, and then evaluated by a credential evaluation service.

Most transfer credits accepted from foreign institutions will be used as electives. If course descriptions are supplied and content is clear, the credit may be used to meet other requirements.

Students submitting international coursework for transfer credit consideration should first have their transcript(s) and course descriptions translated into English. A fee (approx. \$65+) is typically required for this service.

To have translated transcript(s) and course descriptions evaluated, students should send their translated transcript(s) and course descriptions to a credential evaluation service that is a member of the National Association of Credential Evaluation Services. A fee is

required for this service. Students should request a "Course-By-Course Detail" evaluation and have an official copy sent to:

Registrar  
Oregon Coast Community College  
400 SE College Way  
Newport, OR 97366

### ADVANCED PLACEMENT (AP)

Students who have completed college work in high school under the AP program are eligible to receive college credit based on the exam score. To be awarded credit for Advanced Placement exams students must submit an official AP exam score to the College Registrar. Students will be awarded credit based on the evaluation standards on the date the scores were received. If acceptance standards have changed, students will be subject to the current acceptance standards. OCCC will evaluate Advanced Placement scores only one time, regardless of whether acceptance standards have changed.

Specific credit for OCCC courses will be awarded based on individual exam scores using the chart provided below. If your exam area is not listed, contact the OCCC Office of the Registrar at [Registrar@oregoncoast.edu](mailto:Registrar@oregoncoast.edu).

Students may request official AP Transcripts by following the instructions on the [College Board website](#). Send transcripts to:

Registrar  
Oregon Coast Community College  
400 SE College Way  
Newport, OR 97366

Effective Fall 2020. For full chart of AP scores and the college credit awarded for each score, please visit <https://oregoncoast.edu/transcripts/>

### INTERNATIONAL BACCALAUREATE (IB)

Students who complete International Baccalaureate (IB) Exams are eligible to receive college credit based on the exam score and whether the College offers equivalent courses. To be awarded credit for International Baccalaureate exams, students must submit an official IB exam score to the OCCC Registrar and request an evaluation via their My.OregonCoast account. Students will be awarded credit based on the evaluation standards on the date the scores were received. If acceptance standards have changed, students will be subject to the

current acceptance standards. OCCC will only evaluate International Baccalaureate scores one time, regardless if acceptance standards have changed.

Students may request official IB transcripts by contacting:

IB Americas Global Centre  
Attn: Transcript Officer  
7501 Wisconsin Avenue, Suite 200 West  
Bethesda, MD 20814  
USA  
Email: [ibid@ibo.org](mailto:ibid@ibo.org)  
Phone: 301-202-3025

For more information on ordering transcripts please see the [International Baccalaureate website](#).

### IB credit

Specific credit for OCCC courses will be awarded based on individual exam scores using the chart provided below. If your exam area is not listed, contact the OCCC Office of the Registrar at [Registrar@oregoncoast.edu](mailto:Registrar@oregoncoast.edu).

Effective Fall 2020. For full chart of IB scores and the college credit awarded for each score, please visit <https://oregoncoast.edu/transcripts/>

### TRANSFER CREDIT AND VA BENEFITS

Students using any type of Federal Veterans Administration (VA) Education Benefit are required to have all prior credit history evaluated. It is the student's responsibility to request official transcripts from all previous colleges and submit them to OCCC at [Registrar@OregonCoast.edu](mailto:Registrar@OregonCoast.edu). A student's first term of VA benefits may be certified while waiting for transcript evaluation, however no subsequent terms will be certified for VA Benefits until transfer credit evaluation is complete. All credits will be evaluated and transferred according to the policies stated in this catalog.

### CREDIT FOR PRIOR LEARNING

Credit for prior learning (CPL) may be awarded to students who can demonstrate college-level learning in subject areas that OCCC offers. Credit awarded for prior learning must be directly applicable to meet requirements for general education, a certificate, a degree, or electives as outlined in the catalog. Credit awarded for prior learning may not be used to meet the college residency requirement. Students are responsible for the fees charged for processing the CPL request. OCCC offers two types of CPL: institutionally assessed and externally assessed; these are defined in this catalog.

### Institutionally Assessed CPL

Institutionally assessed CPL is awarded through the course challenge process and may include:

- examinations
- portfolio evaluations
- performance evaluations

OCCC considers this type of credit to be prior experiential learning which, according to accreditation standards, shall not exceed 25% of the credits applied to a degree or certificate. Institutionally assessed CPL is awarded for active courses. Not all courses can be challenged.

Please contact the OCCC [Registrar](#) to request review or with questions on this process.

### Externally Assessed CPL

Externally assessed CPL is awarded for learning that has been assessed outside the traditional college setting. Examples of external assessments that may warrant the awarding of CPL include:

- Industry certifications (e.g., CDA, CPR, Journeyman)
- Professional licensure
- ACE-recommended credit for corporate courses or exams
- Joint Services Transcripts (JST) coursework
- Military occupations (MOS)
- College Level Examination Program (CLEP)
- DANTES Subject Standardized Tests (DSST)

According to accreditation standards, externally assessed CPL is not considered credit for prior experiential learning so it is not subject to the 25% limit on the credits applied to a degree or certificate. Externally assessed CPL is awarded in subject areas that the contracting college offers and may include specific course numbers or elective credit in that subject area. A SAC member (e.g., a faculty department chair) shall recommend the amount of credit awarded. Students are responsible for providing official transcripts, score reports, certifications, or any documents required for conducting a CPL evaluation. Externally assessed CPL is transcribed in the same manner as transfer credit and is not considered institutional credit.

### Non-Traditional Credit

Students who have established a transcript at Oregon Coast Community College and have participated in AP or IB programs in high school or have a documentation of military coursework or training may be awarded nontraditional credit. This includes:

AP or IB Credit  
Credit by CLEP  
Military Credit

Students must have official transcripts or scores sent to OCCC to have the evaluation completed. Transcripts and scores can be sent electronically to [Registrar@oregoncoast.edu](mailto:Registrar@oregoncoast.edu) or by mail to:

Registrar - OCCC  
400 SE College Way  
Newport, OR 97366

## Grading

### Roles and Responsibilities

- 1) Students shall be responsible for selecting a grading option for each class they take at OCCC. Students who choose the Pass/No Pass Option must submit a complete Pass/No Pass Grading Option Agreement form to Enrollment Services by the deadline specified for each course each term.
- 2) Students receiving financial aid should consult with the Financial Aid Specialist prior to making a change to their grading option.
- 3) Transfer students should be aware that four-year institutions limit the number of pass/no pass credits that may be applied to a degree and frequently recalculate a student's grade point average by weighting each P as if it were a C or D and each NP as if it were an F from the traditional grade system.
- 4) Students who do not choose the pass/no pass Option will be graded using the traditional grade system using grades A, B, C, D, and F, as defined under "Grade Definitions."
- 5) Students shall be responsible for ensuring the accuracy of their final grades on their academic transcripts.
- 6) Faculty shall inform students regarding their standing in class and refer students to other appropriate OCCC campus resources regarding issues outside the classroom related to tuition, financial aid, and graduation.
- 7) Faculty shall record earned grades for students.

8) Through its curriculum process the college may specify whether a specific grading option is available for each course. Therefore, some courses will be offered only with the traditional grade system or the pass/no pass option.

9) Students with complaints regarding grading or grades shall meet with the Vice President Student Affairs to seek redress for grading issues. To appeal a final course grade, students shall follow the grade appeal process defined in this catalog.

## Grade/Mark Definitions

### A - Superior

- 1) Honor grade indicating excellence.
- 2) Earned as a result of a combination of some or all of the following as outlined by the Instructor in the course handout: superior examination scores, consistently accurate and prompt completion of assignments, ability to deal resourcefully with abstract ideas, superior mastery of pertinent skills, and excellent attendance.
- 3) Probable success in a field relating to the subject or probable continued success in sequential courses.

### B - Above average

- 1) Honor grade indicating competence.
- 2) Earned as a result of a combination of some or all of the following as outlined by the Instructor in the course handout: high examination scores, accurate and prompt completion of assignments, ability to deal well with abstract ideas, commendable mastery of pertinent skills, and excellent attendance.
- 3) Probable success in a field relating to the subject or probable continued success in sequential courses.

### C - Average

- 1) Standard college grade indicating successful performance earned as a result of a combination of some or all of the following as outlined by the Instructor in the course handout: satisfactory examination scores, generally accurate and prompt completion of assignments, ability to deal with abstract ideas, fair mastery of pertinent skills, and regular attendance.
- 2) Sufficient evidence of ability to warrant entering sequential courses.

### D - Substandard but receiving credit

- 1) Substandard grade indicating the Student has met only minimum requirements as outlined by the Instructor in the course handout.
- 2) Earned as a result of some or all of the following: low examination scores; generally inaccurate, incomplete or late assignments; inadequate grasp of abstract ideas; barely acceptable mastery of pertinent skills; irregular

attendance; insufficient evidence of ability to make advisable the enrollment in sequential courses.

3) Does not satisfy requirements for entry into courses where prerequisites are specified.

#### **F - Failure**

1) Non-passing grade indicating failure to meet minimum requirements as defined by the instructor in the course handout earned as a result of some or all of the following: non- passing examination scores; inaccurate, incomplete or late assignments; failure to cope with abstract ideas; inadequate mastery of pertinent skills; and repeated absence from class.

2) Does not satisfy requirements for entry into courses where prerequisites are specified. 3) Faculty must record the last date attended for students that earn an F.

#### **P - Pass**

1) Acceptable performance.

2) A grade of P represents satisfactory achievement which would have been graded C or better under the traditional grading system.

3) The P grade is disregarded in the computation of the OCCC grade point average.

4) This grade is available only when a student has selected the pass/no pass grade system option during the first 80% of a course's term.

#### **NP - No Pass**

1) Unacceptable performance.

2) A grade of NP represents unsatisfactory achievement which would have been graded D or lower under the traditional grading system.

3) The NP grade is disregarded in the computation of the grade point average.

4) Faculty must record the last date attended for students that earn an NP.

5) This grade is available only when a student has selected the pass/no pass grade system option during the first 80% of a course's term.

#### **I - Incomplete**

1) At the time final course grades are recorded, the instructor may, with the consent of the student, record an "I" mark and grant additional time for the completion of a minor but essential requirement for the student who is otherwise making satisfactory progress.

2) This shall only be done by completion of the incomplete contract within Sharknet Faculty Resources.

3) The incomplete contract shall describe the missing requirement, the basis for the requirement's evaluation, affect on the final grade computation, and the completion date for that requirement.

4) If no replacement grade for an "I" mark shall have been

provided by the course Instructor within the subsequent year, the "I" mark shall automatically be changed to and "F".

5) This mark does not entitle the student to repeat a course without paying tuition.

6) It may be impossible to receive this mark in some courses where, for example, equipment usage is required.

#### **W - Withdrawal**

This mark is to be used only by Enrollment Services when a student has completed the official withdrawal process after the published drop deadline and before the published withdrawal deadline.

#### **AU Audit**

1) This mark may only be used by Enrollment Services.

2) The AU mark, when allowed permits a student to attend a course without receiving a grade or credit for the course even though the tuition and fees must be paid.

3) To be assigned an AU mark, a student must obtain permission from their instructor and notify Enrollment Services prior to the published drop deadlines.

4) Through its curriculum process the college may specify whether Through its curriculum process the college may specify whether a specific course may be audited.

Therefore, some courses will not be available for audit.

5) Does not satisfy requirements for entry into courses where prerequisites are specified.

#### **NS - No Show/First Week Attendance**

1) Faculty submit first week attendance and mark students absent, present, or excused.

2) Students who are absent for more than 50% of the required class meetings are administratively dropped as a no show.

3) If faculty fail to mark students absent who never attend class the first week, and if those students fail to drop or withdraw before the published deadline, then they will earn a grade of F or NP according to the grading option selected by the student.

#### **R - Repeated Courses**

This mark may be used only by Enrollment Services. See repeated courses.

## **Grade Appeal Procedure**

**Purpose:** The Grade Appeal Procedure provides the student with a process for appealing a final course grade when he or she believes that an improper evaluation has occurred. "Improper evaluation" is defined as 1) the evaluation standards and grading criteria contained in the course syllabus were not followed by the instructor, or 2) the final grade was imposed in an arbitrary or capricious manner.



If a student believes that the final grade they received for a course is inaccurate based on their work in the class and the grading criteria as outlined in the course syllabus, they should communicate directly with their instructor in an attempt to resolve the concern. Below is the official Grade Appeal Procedure.

**Scope:** The Grade Appeal Procedure only applies to disputes about posted final course grades. Concerns about grades given for assignments or examinations during the term, or concerns or complaints about instructional quality should be addressed through an appointment with the instructor's supervisor.

The Grade Appeal Procedure does not invalidate the requirements mandated by any department, program, and/or the curriculum of any particular course. Specific course assignments, instructor-specific policies, or other formal course-related materials cannot be challenged or appealed through this process. This process applies only to assertions of improper final evaluation as described above.

#### **Step 1: Attempt to Resolve the Final Grade Concern with the Instructor**

1. If the student believes his or her grade was a mistake, he or she must first directly communicate with the instructor about the final grade by sending a written inquiry to the instructor requesting an explanation of how the grade was determined and stating his/her questions and concerns about the grade assigned. The communication should include specific reasons why the student believes he or she was graded improperly, and supporting evidence, such as statements in the course syllabus, alleged discrepancies in points or grades received, emails to and from the instructor, etc. This written inquiry must be received by the instructor within 14 calendar days of the final course grades being posted, or the student forfeits the right to appeal the grade.

2. Upon receiving a written inquiry regarding a final course grade, the instructor is expected to respond to the student's inquiry in writing within 14 calendar days of the documented date of the student's inquiry. If the instructor is unable to respond within 14 days of the documented inquiry, the [Registrar](#) may initiate an appropriate response if the inquiry is made known to them by the student. For instructor contact information, the student should see their course syllabus.

3. If questions remain after the student receives explanation from the instructor, the student is encouraged to discuss those concerns in person with the instructor.

#### **Step 2: Submit a Grade Appeal Form to the Registrar**

1. If the student's concern is not resolved through Step 1, the student may submit a Grade Appeal Form, with supporting evidence, to the Registrar within 30 calendar days of the student's documented inquiry to the instructor. Students can obtain a Grade Appeal Form by emailing [registrar@oregoncoast.edu](mailto:registrar@oregoncoast.edu). OCCC students should return the completed Grade Appeal Form to the Registrar, either by email or by letter mail to Registrar, Oregon Coast Community College, 400 SE College Way, Newport, OR 97366. OCCC Students may also submit this form by fax to 541-867-8559. The Registrar or their designee will review the Grade Appeal Form and determine the next steps, which may include, but are not limited to: (1) referral of the appeal to the instructor's immediate supervisor for review, investigation, and response; (2) request for additional information and supporting documentation from the student, or (3) a decision not to proceed with the appeal if the academic evaluation being contested does not fall within the scope of this policy. 2. Once sufficient information and documentation has been received from the student and the appeal has been deemed appropriate, the Registrar will investigate the final course grade in question, make a decision about the appropriateness of that grade under the standards described above, and communicate the decision in writing to the student.

#### **Step 3: Appeal Decision to Vice President Academic Affairs**

1. The student may appeal the decision in Step 2 only on the grounds that (1) the procedures outlined in this policy were not followed; or (2) relevant evidence concerning the final course grade becomes available that was not available during Step 2. An appeal must be made within 14 calendar days of receipt of the Registrar's or their designee's written decision. The student must submit written justification for further review and provide evidence that there are grounds for the appeal to the Vice President Academic Affairs.

2. The Vice President Academic Affairs will objectively investigate how the grade appeal process was conducted in Step 2, and/or consider relevant evidence that was not available or not considered during Step 2, make a final decision on the appeal, and communicate it in writing to the student, with a copy to the Registrar.

# Transcript Miscellany

## Auditing a Course

Students may wish to audit a class if they wish to enroll in credit courses, but do not wish to receive grades or credits. However, auditing students must pay full tuition and fees and obtain the instructor's permission for a student to audit a course. College policies and procedures may change at any time. Changes may affect programs, policies, procedures, curriculum, calendar, schedules, instructors, or costs. The college will attempt to post important changes and new information on the college web page. This catalog is an informational guide for students planning courses of study, but students should periodically consult with an advising specialist or college staff for updated information not available at the time of publication. This catalog and class schedules shall not be construed as a contract between the student and the College.

An audit carries no credit, and therefore does not meet degree of certificate requirements, nor does it contribute to a full-time student status. A student wishing to change from credit to audit, or audit to credit, must do so within the first week of the course for a full-term length course. After the first week of the term, audits may not be reversed for a letter grade and credit classes may not be changed to an audit. Not all courses are available for audit. Check with Enrollment Services for more information.

To request an audit:

1. A student will email faculty member requesting audit.
2. The faculty member will forward student email with his/her email to Enrollment Services granting permission for the student to audit a class.
3. Enrollment Services will change the student to an audit if the course is available for audit.

## Repeating Courses

1. All course attempts and grades earned will appear on the transcript. If a course can be taken more than once for credit, the oldest grade for that course will be excluded only when the repeat limit is exceeded.

2. The highest grade earned for a course will be calculated into the GPA and the total credits earned on the transcript; all other grades earned for that course will be excluded from the GPA and the credits earned.
3. All course attempts will count toward credits attempted for federal financial aid purposes. With respect to course repeats, federal financial aid:
  - May not be used to retake a course if the student has previously received a passing grade that counts towards graduation requirements;
  - May be used to retake a course for which a student previously received a failing grade;
  - and will not fund additional retakes of a course if the student previously received a passing grade, retook the course and then received a failing grade.
4. Once a course has been successfully completed, it will not be certified again for veterans benefits.

Because of these federal financial aid and veterans benefits provisions, and the fact that all course retakes count toward credits attempted, students with federal financial aid are advised to use course repeats sparingly, and encouraged not to retake courses for which they have received a passing grade.

## Computing Grade Point Averages

- 1) Grade points are computed on the basis of four points for each credit of A, three points for each credit of B, two points for each credit of C, one point for each credit of D, and zero points for each credit of F.
- 2) Grades of P and NP and marks of I, W, and AUD are disregarded in the computation of the grade point average.
- 3) The grade point average is the quotient of the total points divided by the total credits in which A, B, C, D, and F are received.

## Grade Changes

- 1) All grade change requests must be submitted by the Instructor within one year of the end of the course, including grade changes made as a result of resolving a disputed grade.
- 2) If a grade dispute cannot be resolved with the Instructor, the Student may follow the student grievance or complaint process.
- 3) If the instructor is no longer employed by OCCC and, following a good faith effort to contact the instructor, the instructor is not available for consultation, grade changes can be made by the Registrar providing there is sufficient evidence to make the change.

Time periods referring to "published drop deadlines" and "published withdrawal deadlines" are different for each term. Please refer to the academic calendar.

## Grade Point Averages

Grade point averages are computed on the basis of four points for each credit of A, three points for each credit of B, two points for each credit of C, one point for each credit of D, and zero points for each credit of F. Marks of I, P, NP, W, and AU are disregarded in the computation of the grade point average. The grade point average is the total number of grade points divided by the total number of credits in which A, B, C, D, and F are received.

Courses with grades of D or F may be repeated for a higher grade. All grades earned will appear on the transcript. However, when a course is repeated, the first grade will be changed to an R and no longer included in the GPA calculation or the accumulated total credits. The first earned grade of C or better will count into the GPA calculation and the accumulated credit total.

## Withdrawal

1. Prior to the published drop deadlines, Student shall be able to drop any registered class by completing the official drop/withdrawal process.
2. Such action by the Student shall result in no charges for the course or courses (or reimbursement if charges have already been paid); the course or courses shall be removed from their transcript.
3. Students shall be able to withdraw from any registered class by completing the official drop/withdrawal process before the published withdrawal deadline.
4. This action shall result in a grade of W appearing for the course or courses on the transcript.

5. Students must withdraw before the published withdrawal deadline or a grade will be assigned by the instructor.

Time periods referring to "published drop deadlines" and "published withdrawal deadlines" are different for each term.

## Honor Recognition

The College will recognize academic excellence in degree-seeking students who have earned a 3.25 or higher GPA in a given term on a minimum of six graded credits, excluding "P" (Pass) in a given term.

The following honors will be awarded:

- Honor's List: 3.25-3.49 each term
- Dean's List: 3.50-3.74 each term
- President's List: 3.75-4.00 each term
- Highest Honors: 3.75-4.00 OCCC cumulative average awarded upon graduation.

## Grade Discrepancies and Changes

<https://oregoncoast.edu/feedbackandcomplaints/>

In order to correct a recording error or grading discrepancy, students must submit a student records appeal within 90 days of the end of the term of the course for which the grade was received.

## Withholding Grades

Oregon Coast Community College reserves the right to withhold issuance of grades, transcripts, or diplomas to students who have not met their obligations to the College

## Sources of Information

### Class Schedule

Each term's class schedule is published several weeks before the beginning of each term via the official college web site: <https://oregoncoast.edu/course-schedule/>. Special courses and workshops may be added and announced as they arise throughout the term. Class schedules are published for informational purposes. Every effort is made to ensure the accuracy of the class schedule at the time of publication; however, it is not to be regarded as a contract between the student and the

college. OCCC reserves the right to change any provision at any time due to any variety of circumstances. Students are advised to periodically consult the college website or an advising specialist for revised and updated information not available when the class schedule originally was published.

## Effective Catalog

When students' studies are interrupted by one year or more, they may find upon their return to OCCC that some of the requirements for graduation have changed. Students may find that they will have to complete new degree or certificate requirements to graduate.

## Applying to Graduate

**Credit Students:** To be considered for graduation, a student must fill out the Oregon Coast Community College graduation application located in their [My.OregonCoast](#) account. This must be completed and a student must work with their academic advisor to submit an academic planner to the OCCC registrar that lists all courses required to complete a student's degree or certificate. This must be done at least one term in advance of degree or certificate completion. A student who participates in the ceremony will receive an empty diploma cover at the ceremony. A student is expected to monitor their OCCC email account for information about graduation/commencement including how to order their diploma.

Questions can be directed to [registrar@oregoncoast.edu](mailto:registrar@oregoncoast.edu).

**GED Students:** Persons who have completed their GED and used OCCC's testing center or been a student in GED preparation classes at OCCC are eligible to participate in OCCC's commencement ceremony. Please contact Basic Skills for more information.

**ESL Students:** ESL students may participate in OCCC's commencement ceremony. Please contact Basic Skills for more information.

## General Education Requirements - Arts & Letters

The General Education credits must come from the approved OCCC General Education/Discipline Studies List.

In order to ensure a breadth of learning, which is the cornerstone of the General Education requirements, the following limitations apply:

1. Courses taken to satisfy the basic college competencies in composition and mathematics will not be accepted.
2. For AAS Degrees, no more than two courses may come from courses required by specific programs.\*
3. When an existing course meeting a General Education requirement is expanded into a multi-course sequence with the same course number with varying suffixes (e.g., 101 becomes 101a, 101b, 101c), any course in the sequence may be used to meet the General Education requirement. However, an individual student may use only one course in the sequence toward fulfillment of the requirement, even if the student takes multiple courses in the sequence.

\*Note: Because of these restrictions, it is possible that a course is acceptable as General Education for some students while it is not acceptable for others. Degree candidates who are unsure of how the General Education Policy applies to their individual cases are responsible for seeking help from an advisor or counselor.

The complete and official list of courses approved as General Education/Discipline Studies is maintained by the Instructional Leadership Team.

Criteria for General Education/Discipline Studies Course Approval are developed by the Instructional Leadership Team based on the General Education Philosophy statement and the statewide outcomes and criteria for Discipline Studies for the AAOT.

### Arts & Letters Course List

Course	Title	Cultural Literacy
ART 102	Understanding the Visual Arts	
ART 103	Understanding New Media Arts	
ART 115	Basic Design: 2D Foundations	
ART 116	Basic Design: Color Foundations	
ART 117	Basic Design: 3D Foundations	
ART 131A	Drawing I	
ART 181A	Painting I	
ART 197	Artist Skills/Practical Issues	
ART 204	History of Western Art (Prehistoric to Classical)	
ART 205	History of Western Art (Early Christian to Medieval)	
ART 206	History of Western Art (Renaissance to Baroque)	
ART 207	History of Asian Art (India)	✓
ART 208	History of Asian Art (China)	✓
ART 209	History of Asian Art (Japan)	✓
ART 210	Women in Art	✓
ART 213	Modern Art History - Art Since 1945	
ART 231A	Drawing II	
ART 237A	Life Drawing	
ART 253A	Ceramics I	
ART 256A	Ceramics II	

ART 277A	Life Painting	
ART 279A	Experimental Media	
ART 281A	Painting II	
ART 284A	Water Media I	
ART 287A	Water Media II	
COMM 100	Introduction to Communication	
COMM 111	Public Speaking	
COMM 112	Persuasive Speaking	
COMM 140	Introduction to Intercultural Communication	✓
COMM 214	Interpersonal Communication: Process and Theory	
COMM 215	Small Group Communication: Process and Theory	
COMM 228	Mass Communication and Society	
ENG 104	Introduction to Literature (Fiction)	
ENG 105	Introduction to Literature (Plays)	
ENG 106	Introduction to Literature (Poetry)	
ENG 107	Introduction to World Literature (Up to 16th-Century)	
ENG 108	Introduction to World Literature (16th-Century to Present)	
ENG 195	Film Studies: Film as Art	
ENG 196	Film Studies: Directors	
ENG 197	Film Studies: Contemporary Themes and Genres	
ENG 201	Shakespeare: Early Works	
ENG 202	Shakespeare: Later Works	
ENG 204	Survey of English Literature (Medieval Age to 1700s)	
ENG 205	Survey of English Literature (1700 to Present)	
ENG 207	World Literature - Asian (India)	✓
ENG 208	World Literature - Asian (China)	✓
ENG 209	World Literature - Asian (Japan)	✓
ENG 212	Biography and Autobiography	
ENG 213	Latin American Literature	✓
ENG 214	Literature of the Northwest	
ENG 216	Teen and Children's Literature	
ENG 222	Images of Women in Literature	✓
ENG 230	Environmental Literature	
ENG 237	Working-Class Literature	✓
ENG 240	Introduction to Native American Literatures	✓
ENG 244	Introduction to Asian-American Literature	✓
ENG 250	Introduction to Folklore and Mythology	✓
ENG 253	American Literature to 1865	
ENG 254	American Literature from 1865	
ENG 257	African American Literature (to the Harlem Renaissance)	✓
ENG 258	African-American Literature (from the Harlem Renaissance)	✓
ENG 260	Introduction to Women Writers	✓
ENG 261	Literature of Science Fiction	
ENG 265	Literature of Social Protest	
ENG 266	Literature of War	✓
ENG 269	Wilderness Literature	
ENG 275	The Bible as Literature	
J 216	News Reporting and Writing	
JPN 261A	Japanese Culture	✓
MUS 105	Music Appreciation	
MUS 108	Music Cultures of the World	✓
MUS 110	Fundamentals of Music	
MUS 111	Music Theory I (Part One)	
MUS 205	Introduction to Jazz History	✓

MUS 206	Introduction to the History of Rock Music	
MUS 207	Introduction to the History of Folk Music	✓
PHL 202	Ethics	
PHL 209	Business Ethics	
R 210	World Religions	✓
SPA 201	Second Year Spanish - First Term	
WR 240	Creative Writing - Nonfiction	
WR 241	Creative Writing - Fiction	
WR 242	Creative Writing - Poetry	
WR 246	Advanced Creative Writing, Editing & Publishing	
WS 202	Women, Activism and Social Change	✓

## General Education Requirements - Science, Math, & Computer Science

The General Education credits must come from the approved OCCC General Education/Discipline Studies List.

In order to ensure a breadth of learning, which is the cornerstone of the General Education requirements, the following limitations apply:

1. Courses taken to satisfy the basic college competencies in composition and mathematics will not be accepted.
2. For AAS Degrees, no more than two courses may come from courses required by specific programs.\*
3. When an existing course meeting a General Education requirement is expanded into a multi-course sequence with the same course number with varying suffixes (e.g., 101 becomes 101a, 101b, 101c), any course in the sequence may be used to meet the General Education requirement. However, an individual student may use only one course in the sequence toward fulfillment of the requirement, even if the student takes multiple courses in the sequence.

\*Note: Because of these restrictions, it is possible that a course is acceptable as General Education for some students while it is not acceptable for others. Degree candidates who are unsure of how the General Education Policy applies to their individual cases are responsible for seeking help from an advisor or counselor.

The complete and official list of courses approved as General Education/Discipline Studies is maintained by the Instructional Leadership Team.

Criteria for General Education/Discipline Studies Course Approval are developed by the Instructional Leadership

Team based on the General Education Philosophy statement and the statewide outcomes and criteria for Discipline Studies for the AAOT.

## Science, Math, & Computer Science Course List

Course	Title	Lab Science
BI 101	Biology	✓
BI 102	Biology	✓
BI 103	Biology	✓
BI 112	Cell Biology for Health Occupations	✓
BI 141	Habitats: Life of the Forest	✓
BI 142	Habitats: Marine Biology	✓
BI 143	Habitats: Fresh Water Biology	✓
BI 211	Principles of Biology 1	✓
BI 212	Principles of Biology 2	✓
BI 231	Human Anatomy & Physiology I	✓
BI 232	Human Anatomy & Physiology II	✓
CH 151	Preparatory Chemistry	✓
CH 221	General Chemistry I	✓
CH 222	General Chemistry II	✓
CH 223	General Chemistry III	✓
CS 160	Exploring Computer Science	
ESR 171	Environmental Science: Biological Perspectives	✓
ESR 172	Environmental Science: Chemical Perspectives	✓
ESR 173	Environmental Science: Geological Perspectives	✓
FN 110	Personal Nutrition	
G 184	Global Climate Change	✓
G 201	Earth Materials and Tectonics	✓
G 202	Earth Surface Processes	✓
G 203	Evolution of Planet Earth	✓
G 207	Geology of the Pacific Northwest	
G 208	Volcanoes and Their Activity	
GS 106	Physical Science (Geology)	✓
GS 107	Physical Science (Astronomy)	✓
GS 108	Physical Science (Oceanography)	✓
GS 109	Physical Science (Meteorology)	✓
MTH 105	Math in Society	
MTH 111	College Algebra	
MTH 112	Elementary Functions	
MTH 211	Foundations of Elementary Math I	
MTH 212	Foundations of Elementary Math II	
MTH 213	Foundations of Elementary Math III	
MTH 243	Statistics I	
MTH 244	Statistics II	
MTH 251	Calculus I	
MTH 252	Calculus II	
MTH 253	Calculus III	
MTH 254	Vector Calculus I	
PHY 101	Force, Motion, and Energy	✓
PHY 102	Atoms, Matter, and Heat	✓
PHY 103	Sound, Light, and Electricity	✓
PHY 201	General Physics	✓
PHY 211	General Physics (Calculus) I	✓

## General Education Requirements - Social Sciences

The General Education credits must come from the approved OCCC General Education/Discipline Studies List.

In order to ensure a breadth of learning, which is the cornerstone of the General Education requirements, the following limitations apply:

1. Courses taken to satisfy the basic college competencies in composition and mathematics will not be accepted.
2. For AAS Degrees, no more than two courses may come from courses required by specific programs.\*
3. When an existing course meeting a General Education requirement is expanded into a multi-course sequence with the same course number with varying suffixes (e.g., 101 becomes 101a, 101b, 101c), any course in the sequence may be used to meet the General Education requirement. However, an individual student may use only one course in the sequence toward fulfillment of the requirement, even if the student takes multiple courses in the sequence.

\*Note: Because of these restrictions, it is possible that a course is acceptable as General Education for some students while it is not acceptable for others. Degree candidates who are unsure of how the General Education Policy applies to their individual cases are responsible for seeking help from an advisor or counselor.

The complete and official list of courses approved as General Education/Discipline Studies is maintained by the Instructional Leadership Team.

Criteria for General Education/Discipline Studies Course Approval are developed by the Instructional Leadership Team based on the General Education Philosophy statement and the statewide outcomes and criteria for Discipline Studies for the AAOT.

## Social Sciences Course List

Course	Title	Cultural Literacy
ATH 101	Introduction to Biological Anthropology	
ATH 102	Introduction to Archaeology and Prehistory	
ATH 103	Introduction to Cultural Anthropology	
BA 208	Introduction to Nonprofits & Philanthropy	
EC 201	Principles of Economics: Microeconomics	
EC 202	Principles of Economics: Macroeconomics	
GEO 106	World Regional Geography	✓
GEO 206	Geography of Oregon	✓
HEC 226	Child Development	



HST 101	History of Western Civilization: Ancient to Medieval	✓
HST 102	History of Western Civilization: Medieval to Modern	✓
HST 103	History of Western Civilization: Modern Europe	✓
HST 104	History of the Middle East	✓
HST 105	History of India and South Asia	✓
HST 106	History of China	✓
HST 107	History of Korea and Japan	✓
HST 201	History of the United States to 1840	✓
HST 202	History of the United States 1840-1914	✓
HST 203	History of the United States 1914 to Present	✓
HST 204	History of Women in the U.S.: Pre-colonial to 1877	✓
HST 205	History of Women in the U.S.: 1877 to Present	✓
HST 218	American Indian History	✓
HST 225	History of Women, Sex, and the Family	✓
HST 240	Oregon History	✓
HST 270	History of Mexico	✓
HST 271	History of Central America and the Caribbean	✓
HST 277	History of the Oregon Trail	✓
HST 285	The Holocaust	✓
PS 201	U.S. Government	
PS 202	U.S. Public Policy & Democracy	
PS 203	State and Local Government	
PS 205	Global Politics: Conflict & Cooperation	✓
PSY 101	Psychology and Human Relations	
PSY 201A	Introduction to Psychology - Part 1	✓
PSY 202A	Introduction to Psychology - Part 2	✓
SOC 204	Sociology in Everyday Life	✓
SOC 205	Social Changes in Societies	
SOC 206	Social Problems	✓
SOC 213	Diversity in the United States	✓
SOC 214A	Illumination Project I: Interactive Social Justice Theater	✓
SOC 214B	Illumination Project II: Interactive Social Justice Theater	✓
SOC 214C	Illumination Project III: Interactive Social Justice Theater	✓
SOC 218	Sociology of Gender	✓

## Glossary of Terms

### GLOSSARY OF TERMS

#### Academic Advisor:

An advising specialist who assists students with academic planning and course selection each term. Students must meet with an academic advisor before they can register.

#### Academic Freedom:

The fundamental principle of free expression that faculty are free to teach and students are free to learn in an open environment without interference or intolerance.

#### Academic Year:

The academic year consists of three terms (or "quarters"), in the Fall, winter, and Spring. In addition, a short summer term is held. Students may begin courses at the beginning of any term, but it is often advantageous to begin courses in the summer or fall term due to course prerequisites.

#### Admission:

The formal process of applying to attend college. General admission does not include admission to specific program, e.g. Aquarium Science, Emergency Medical Technology, Nursing, etc.

#### Area of Study:

A student's chosen area of study or interest, usually a specific degree or certificate with a selection of courses that meet the student's interest and goals.

#### Audit:

Enrolling in a course without receiving college credit. A request to audit must be emailed to the Enrollment Services Manager the first week of the term.

#### Catalog:

The College's official publication that outlines programs, services, and policies.

#### Class Schedule:

See Schedule

#### Concurrent Enrollment:

Enrolling in two or more courses in the same term; also refers to simultaneous enrollment at two educational institutions.

#### Co- requisite:

Concurrent enrollment in specific courses.

#### College Preparatory Courses:

Courses generally designed to help students gain basic skills in reading, writing, spelling, grammar, and mathematics to prepare for college-level courses. College preparatory courses may be offered for credit, but these courses are not applicable to degrees or certificates, nor are developmental education courses transferable.

**Course:**

A course is a subject or an instructional subdivision of a subject, usually offered during a single term.

**Course Load:**

A student taking twelve or more credits in a regular term is considered a full-time student. A student enrolled in nine to eleven credits per term is considered three-quarter time, six to eight credits half time, and five or less, less than half time.

**Course Number**

: An alpha-numeric identifier used to denote the level of course: for example, WR 121 is the writing course preceding WR 122.

**Credit:**

Unit granted in recognition of course work completed. OCCC is on the quarter system (see Term); therefore, all credits granted are quarter credits.

**Credit Hour:**

A credit hour usually represents three hours of time each week (one lecture hour in class and two hours outside course related work) per term. Some classes may have associated laboratory sessions. The number of lectures, laboratory, studio, or other periods per week for any course may be found in the course description section of the catalog or in the current class schedule.

**Curriculum:**

Courses necessary to complete a degree or certificate. Curriculum is an organized program of study arranged to provide integrated cultural or career/technical education leading to a certificate or degree.

**Degree:**

A prescribed set of courses that meet specific academic, general education, elective, and skill requirements.

**Discipline:**

See Subject.

**Distance Education:**

Courses offered online. See the current class schedule on the college's website at <https://oregoncoast.edu/course-schedule/> for more information about Distance Education.

**Dual Credit:**

College credit for College-approved high school courses taught by high school instructors.

**Dual Enrollment:**

Simultaneous enrollment in courses in high school and at the College.

**Early College:**

A program for high school students designed to get their post-secondary education off to a good start by allowing them to enroll in select college classes at reduced tuition.

**Elective:**

A course which may be selected from a list of alternatives in order to fulfill degree or certificate requirements.

**Expanded Options:**

Enrollment in College classes by junior or senior high school students to assist in meeting requirements for high school completion while also earning College credit.

**Faculty:**

Persons who teach courses at the College.

**Fees:**

Money paid in addition to tuition for specific purposes: supplies, materials, equipment use, facilities expenses, etc.

**Financial Aid:**

Grant, loan, and/or scholarship funds to help students meet College expenses.

**Full-time Student:**

A student registered for twelve or more credits per term. Full-time enrollment is required for maximum financial aid awards.

**Grade Point Average (GPA):**

: An average of grade points received for credit courses taken during a student's academic history.

**Grades:**

A method used for evaluating student progress in meeting course outcome requirements.

**Lower-Division Transfer Credits:**

See Transfer Credit.

**Major:**

See Area of Study.

**Part-time Student:**

A student registered for less than twelve credit hours.

**Period:**

A class meeting of discussion, lecture, laboratory, studio, etc., which may last for 50 minutes or more.

**Placement Test:**

An instrument used to assess a student's mathematics, reading and writing skills. A placement test must be taken before students may enroll in writing and mathematics courses.

**Plagiarism:**

Using and presenting another person's ideas, concepts, or written works as one's own, or using and presenting another person's ideas, concepts, or written works without citing the source.

**Prerequisite:**

Courses that must be taken before taking a more advanced course: for example, MTH 095 prior to MTH 111. See individual course descriptions for specific prerequisite requirements.

**Quarter:**

See Term.

**Registration:**

The official process of enrolling at the College, including arrangements for payment of tuition and fees. See the current class schedule at the College's website at <https://oregoncoast.edu/course-schedule/> for more information.

**Residency:**

A student's state of legal residence.

**Schedule:**

A published listing of all courses available via the College web page (<https://oregoncoast.edu/course-schedule/>) for

a given term, including course numbers, titles, descriptions, places, times, prerequisites, tuition, fees, and other important information.

**Scheduled Time:**

The normal amount of time scheduled for a non-laboratory course is one hour per week for each credit hour. Laboratory and activity courses usually require more than one hour of class time per week for each hour of credit.

**Sequence:**

Closely-related courses usually extending for three terms.

**Staff:**

Persons employed by the College to provide a variety of College services.

**Step Ahead:**

College-approved College courses taught in high school by qualified high school faculty.

**Subject:**

A designated discipline or field of knowledge such as History or English.

**Syllabus:**

A written statement of course expectations, outcomes, and requirements given by faculty to students at the first or second class meeting of each course.

**Term (Quarter):**

Approximately one quarter of the academic year. Fall term is 12 weeks. Winter, and spring terms are 11 weeks. Summer term is eight weeks. See the current academic calendar at the College's website <https://oregoncoast.edu/event-calendar/> for more information.

**Transcript:**

An official record of students' academic work at each college attended.

**Transfer Credit**

Credits that will transfer to four-year colleges and universities in Oregon, or other states. For more information about transfer credit courses, see the course description section of the Catalog.

## **Tuition:**

Money paid for College courses. Tuition does not include fees and books.

## **Faculty and Staff**

### **FACULTY AND STAFF**

**Abe-Ichien, Helen**

**Faculty, Art**

BFA Printmaking, California State University - Long Beach  
MA, California State University - Long Beach

**Adolf, Darci**

**Director of Library & Media Services**

**Information Research Skills Instructor**

MLIS Instruction and Training, University of Washington

MBA Human Resources, University of Nevada

BS Management, University of Nevada

AAS Data Processing, Clark Community College

**Anderson, Tonia**

**SBDC/North County Center Coordinator**

SLPA, Chemeketa Community College

**Andrews, Kathleen**

**Executive Assistant to the President**

BA Communication Studies, University of San Diego

**Barton, Lynn**

**Faculty, Nursing**

MS Nursing, University of California, San Francisco

BA Health Administration, St Mary's College

ADN Nursing, Santa Ana Jr College

**Bernhardt, Gilbert**

**Faculty, Physical Science and Geology**

MS Geology, Baylor University

BS Education, Lamar University

BS Geology, Lamar University

**Bishop, Janice**

**Faculty, Communication Studies**

MS Speech Communication, Portland State University

BA Human Communication, Marylhurst University

AA, Central Oregon Community College

**Boles, Larry**

**Director of Aquarium Science Program**

**S.T.E.M. Coordinator**

MS Fisheries Science, College of William & Mary, Virginia

Institute of Marine Science

**Bowman, Crystal**

**Director of Nursing**

ADN, Mesa Community College BSN, Arizona State

University MSN-ED, Grand Canyon University PhD

Nursing, Capella University

**Bradley, Jason**

**Facilities Tech I**

**Burak, Marge**

**Faculty, Mathematics**

MST Mathematics, Portland State University

BS Mathematics, Pacific University

**Burke, Gena**

**Career Education and SNAP Advisor**

MS Ed, Portland State University

Teaching Adult Learners Certificate, Portland State  
University

Teaching English Language to Adults Certificate,  
University of Cambridge

**Cawley, Megan**

**Faculty, Clinical Nursing**

BA Nursing, Oregon Health Science University  
BS Biology, Western Oregon University

**Charles, Gregory**

**Faculty, Business Administration**

MA Development Banking, American University in  
Washington University  
BA International Relations, University Pennsylvania

**Chase, James**

**Faculty, Computer Application Systems**

**Clifford, Kevin**

**Faculty, Aquarium Science**

BS Oceanography, University of Massachusetts, Dartmouth

**Clos, Jenna**

**Faculty, Aquarium Science**

MA Teaching, Portland State University  
BA Spanish, Portland State University  
AA General Studies, Clackamas Community College

**Cole, Sarah**

**Faculty, Nursing**

BS Nursing, Oregon Health and Sciences University

**Colvin, Sari**

**Faculty, Nursing**

AAS, Lane Community College  
BS Nursing, Western Governors University

**Conrady, Gerald**

**Basic Skills Instructor**

MA Curriculum and Instruction, Portland State University  
BA History, California State University  
AA Liberal Studies, Rancho Santiago College

**Dewer, Gregory**

**Faculty, Communication Studies**

MS Media Studies, University of Oregon  
BS Journalism, University of Oregon  
AAS Automotive Technology, Linn-Benton Community  
College

**Dinwoodie, Shaneon**

**Bookstore Associate**

**Dodds, Savannah**

**Aquarist**

BS Biology/Chemistry, Northern Arizona University

**Ebert-Ketcher, Galina**

**EMT Lab Assistant**

OR Paramedic

**Erdmann, Trevor**

**Faculty, Aquarium Science**

BS Marine Biology, University of Alaska, SE Juneau

**Fernow, David**

**EMT Lab Assistant**

AA Fire Suppression, Chemeketa Community College  
AA Paramedic, Chemeketa Community College

Fisher, Matthew

**Faculty, Biology**

MS Science Education, Montana State University

MS Biology, Western Washington University

BS Environmental Studies, University of Oregon

Fleming, Jennifer

**Faculty, Mathematics**

Teaching Credential, Chapman University BS, California

State University, Monterey Bay

Flores, Alberto

**Faculty, Business Administration**

EdD, Organizational Leadership, Development, Grand Canyon University

MBA Business Administration, University of Phoenix

MA Educational Administration & Leadership, Arizona State University

Follett, Kathleen

**Affiliated Staff - Music**

Gallup, Dana

**Student Services Specialist**

MAT Teaching, George Fox University - School of Education

BA English, George Fox University

Gaspar, Kahea

**Faculty, Writing-Composition**

MA English, University of Hawaii at Manoa

BA English, University of Hawaii

Gintner, Robin

**Vice President Administrative Services**

BS Accounting, University of Oregon

Goos, Julia

**Faculty, Art**

MFA Art, Printmaking, Illinois State University

BFA Art, University of Wyoming

Graamans, Milo

**Accompanist**

Graves, Heidi

**PT Faculty, Nursing**

AAS, Nursing Front Range Community College

BN, Western Governors University

MS, Nursing Education- Western Governors University

Gutknecht, Joy

**Director of Human Resources**

AA Accounting, Madison Area Technical College

Hagan, Blake

**Academic Advisor**

MS Education, Portland State University

BA Anthropology, Oregon State University

Hahn, Sharon

**Director of Business Services**

YCS Manager

Halleron, Kathleen

**Finance Analyst**

BA Business Administration, University of Kentucky

Hansen, Clare

**Lead Aquarist**

Certificate Aquarium Science, Oregon Coast Community College

BS Biology, Boston University



Harper, Theresa

**75% Faculty- Education/Advising**

Graduate Certificate College & University Teaching,  
Oregon State University

MS Academic Advising, Kansas State

MAT Education, Oregon State University

Hawkyard, Matt

**Faculty, Aquarium Science**

MS Fisheries & Wildlife, Oregon State University

BS Fisheries & Wildlife, Oregon State University

Heller, Nicolas

**EMT Lab Assistant**

EMT-B Cert - Chemeketa CC

Hoadley, Tabitha

**Academic Coordinator**

**Faculty, Computer Applications and Business  
Administration**

MBA, Northern Illinois University

MBA Management and Marketing, University of Miami

Hollingsworth, Roseanne

**Aquarist**

BS Environmental Science, Linfield College

Certificate of Aquarium Science, Oregon Coast Community  
College

Hovey, Ann

**Associate Dean of Academic Affairs / Registrar**

Jackson, Tucker

**Faculty, History**

MA History, Portland State University

MBA Management Information Systems, University of  
Houston

BBA Finance, University of Texas

Jeffries-Bilton, Vicki

**Faculty, Social Science**

MA Political Science, Portland State University

BA Political Science, University of Oregon

Joll, Kara

**PT Faculty, Nursing**

AAS, Linn-Benton Community College

BS Nursing, Western Governors University

Jones, Kimberly

**Director of Financial Aid**

MA Teaching, Marshall University

BA History, University of Arkansas

Jones, Tracy

**Navigate Outreach Program Assistant**

Jones-Briggs, Vickie

**Administrative Assistant - Health and Human Service  
Programs**

Juarez, Oscar

**Faculty, Early Childhood Education**

MA Education-Curriculum and Instruction, University of  
Texas - El Paso

BA Bilingual Early Childhood Education, New Mexico  
University

Kaufmann, Ben

**Associate Dean of Student Affairs**

MA Teaching, Willamette University

BA Social Sciences, Western Oregon University

Kheirabadi, Masoud

**PT Faculty, Geography**

MA Agricultural Mechanization, Texas A&I University

MA Geography, University of Oregon

PhD Geography, University of Oregon

Lambrecht, Misty

**Small Business Development Center Counselor**

BA Electrical Engineering, Weber State University

AA Computer Science, Salt Lake City Community College

Lara, Genifer

**Faculty, Geology**

MS Geosciences, Mississippi State University

BA Wildlife Biology, Prescott College

Lara, Dan

**Vice President Academic Affairs**

BS Chemistry and Environmental Science, The College of Santa Fe

MEd Educational Leadership, Northern Arizona University

Lask, Paul

**Faculty, English and Writing**

MA English, University of Illinois - Chicago

BA English and Philosophy, Northeastern Illinois University

Laughlin, Rick

**Faculty, Mathematics & Psychology**

PhD Psychology, University of California, Los Angeles

MA Psychology, University of California, Los Angeles

BA Psychology, University of California, Los Angeles

AA Psychology, Cerritos College

Lehrman, Angela

**Faculty, Nursing**

BS Nursing, Linfield College

AAS Nursing, Oregon Coast Community College

Ludwig, Wendy

**Business Advisor**

Mann, Marion

**Faculty, Biology**

BS Biology, Humboldt State University

MS Fisheries Science, Oregon State University

Markel, Jeanne

**Faculty, Psychology**

MS Clinical and Community Psychology, Cal State University, Fullerton

BA Psychology, Cal State University Long Beach

Martin, Carol

**Academic Advisor**

MA College Student Services Administration, Oregon State University BA Religious Studies, Humboldt State University

McKenney, Christine

**Affiliated Staff - Music**

McKibben, Shannon

**Administrative Assistant, Library**

AA General Studies, Oregon Coast Community College

AA Transfer, Oregon Coast Community College

Miller-Morgan, Megan

**Faculty, College Survival and Success**

**Basic Skills Instructor**

M.Ed. Adult Education, Oregon State University

BA Anthropology, Washington State University

BA Asian Studies, University of Puget Sound

**Miller-Morgan, Timothy**

**Faculty, Aquarium Science**

DVM Veterinary Sciences, Washington State University

BS Wildlife Biology, Washington State University

BS Biology, University of Puget Sound

**Misiti, Patrick**

**Faculty, Writing-Composition**

MFA Creative Writing, University of Wyoming

BA Creative Writing, Carnegie Mellon University

**Mitman, Grant**

**Faculty, Chemistry and Biology**

**Mohler-Mitman, June**

**Lab Assistant - Science**

MS Biology/Chemistry, Montana Tech BS Zoology, Oregon State University

**Mollino, Linda**

**PT Faculty- CTE**

MSN Nursing Education, Walden University

BS Nursing, Mt Saint Mary College

**Neimann, Theresa**

**PT Faculty, College Skills and Adult Basic Skills**

BS History & Political Science, Eastern Oregon University

MA Celtic Theology, University of Wales Lampeter

BS History & Political Science, Eastern Oregon University

**Nielsen-Limes, Inger-Marie**

**Faculty, Nursing**

AAS Respiratory Care and Nursing, Fresno City College

**Noble, Tony**

**Faculty, Business and Economics**

MS Management, Northern Arizona University

BA Economics & History, Willamette University

**O'Neill, Sara**

**Faculty, Writing**

MA English, University of Texas

BA Comparative Literature and Italian Studies, New York University

**Oroz, Andres**

**Vice President Academic Affairs**

PhD Organizational Leadership, Chicago School of Professional Psychology

Med Higher Education, University of El Paso

BMS Business, Spanish, Border Studies, University of El Paso

**Orton, Alesha**

**Faculty, Nutrition**

MS Nutrition, University of Utah, Salt Lake City

BS Dietetics, Brigham Young University

**Otis, Grace**

**Aquarist**

AAS Aquarium Science, Oregon Coast Community College

**Otsuki, Sachiko**

**Faculty, Art**

PhD Art History, Kanazawa College of Art

MA Art History, Kanazawa College of Art

BA Art History, Kanazawa College of Art

**Parks, Carole**

**Faculty, Education**

MS Education-Teaching, California Baptist University

BA Liberal Studies, California Baptist University

MA Zoology, Miami University of Ohio

Patrick, Conni  
Faculty, Nursing  
BS Nursing, Oregon Health and Science University

Pavlish, Catherine  
Faculty, English (Literature and Writing)  
PhD English, University of North Dakota  
MA English, California State University, Long Beach  
BA English & Education, Cal State University, Long Beach  
AA Liberal Arts, Rancho Santiago Community College

Peaucelle Anne-Laure  
Faculty, Physical Education (Yoga)  
Graduate Certificate Yoga, Adore Yoda - Sydney, Australia  
200H Yoga Teacher Training, Inyouda - Sydney, Australia  
MS Electrical Engineering and Automation, Enseeiht -  
Toulouse, France

Pfaff, Karen  
Faculty, Clinical Nursing  
BSN Nursing, University of Oregon School of Nursing  
MPH Public Health, Loma Linda University

Price, Dave  
Vice President Engagement and Entrepreneurship  
MBA Business Administration, Oregon State University  
BS Journalism, University of Kansas

Puttman, Kimberly  
Faculty, Sociology  
MA Sociology and Latin American Studies, University of  
Texas - Austin  
BA Sociology and International Studies, University of  
Oregon

Quillian, William  
Faculty, English for Speakers of Other Languages  
MEd Teaching English to Speakers Other Languages,  
Seattle University  
BA Political Science, university of Washington

Rawles, Brandye  
Faculty, Basic Skills (Spanish Language GED)

Reaney, Bonnie  
Nursing Instructor  
MSN Nursing, University of Phoenix  
BS Nursing, Union College, Nebraska

Richardson, Ollie  
Faculty, Physical Education (Surfing)  
MS Exercise and Sports Science, Oregon State University  
BA Exercise and Sports Science, Oregon State University  
BA English & Education, Cal State University, Long Beach  
AA Liberal Arts, Rancho Santiago Community College

Rogers, Chris  
Director of Facilities & Safety

Rosborough, Laura  
AP/AR Specialist  
Licensure Massage Therapy, Lane Community College

Rybicki, Alex  
IT Support Technician

Ryslingle, Brigitte  
President  
PhD Organizational Psychology, Alliant International  
University

MA Psychology, Alliant International University  
MBA University of California, Berkley  
MA Psychology, University of the Pacific  
BS Business Administration, University of the Pacific

**Scoville, Mary Lee**

**Faculty, Music**

DMA Music Composition, University of Oregon  
MA Music Composition, University of Oregon  
BA Music, Oregon State University  
BS Humanities, Psychology, Oregon State University

**Skaggs, Debbie**

**Title II Admin/DATA Specialist**

Bachelors Church Ministries, Bethany University  
Masters Biblical Studies, Multnomah Seminary

**Skye, Willow**

**Faculty, Nursing**

MS Nursing Education, Western Governors University  
BS Nursing, Western Governors University  
AS Nursing, Clatsop Community College

**Smiley, Dell**

**Facilities Lead**

**Smith, Spencer**

**Director of Information Technology**

BS Computer and Information Science, University of Oregon

**Spence, Layton**

**Financial Aid Specialist**

BA Business Administration, Texas Christian University

**Spirtos, Andrea**

**Foundation Development Director**

**Stetson, Sidney**

**Faculty, Aquarium Science**

**Tice, Kirk**

**Faculty, Writing**

MA Education, Oregon State University  
BA English, California State University

**Tilson, Murray**

**Faculty, Mathematics**

MBA, University of Portland  
MS Civil Engineering, Wayne University  
BS Chemical Engineering, Oregon State University

**Trujillo-Dalbey, Francisca**

**Faculty, Communications Studies**

PhD Urban Studies, Portland State University  
MA Speech Communication, Portland State University  
BS Speech Communication, Marylhurst University

**Welcer, Andrew**

**Facilities Tech I**

**Whipple, Ren**

**Student Services Office Coordinator**

**Williams, Alison**

**Faculty, Mathematics**

MS Mathematics, California State University, Long Beach  
BS Mathematics, California State University, Long Beach

You, Jingyi

PT Faculty, Mathematics

MA Computer and Technology, Tianjin Normal University,  
Tianjin China

MA Adults & Higher Education, Morehead State

MA Mathematics, University of Louisville KY

## Alternative Learning Courses

### ALC 53: English Skills Lab - 3 credits

Provides an individualized plan of study to improve English grammar, punctuation, writing, reading, and/or communication skills based on 90 hours of study. Includes tutoring, use of textbooks/workbooks for assignments, and/or computer software and other media.

### Course Student Learning Outcomes

- Apply English language skills related to assigned topic(s) extensively and in great depth.

**Credits:** 3

**Prerequisites:**

None.

## American Sign Language

### ASL 101: First Year American Sign Language I

Introduction to ASL stressing the development of expressive skill, receptive skill, and cultural awareness through a communication approach. Primary emphasis on the student's active use of the language. Emphasizes active conversational competence in ASL. Includes visual readiness skills, vocabulary, culture and grammar used for meeting communication needs. Proficiency target level: Novice high. For beginners.

### Course Student Learning Outcomes

Upon completion of this course students will be able to:

- participate in simple conversations using expressive ASL skills, basic vocabulary, grammar, facial markers, and non-manual signals to engage in common interactions with Deaf people.
- apply language-learning skills to interactions in the Deaf community
- appreciate the linguistic and cultural diversity of Deaf people and behave with respect and understanding
- meet the skills required for Novice High (ACTFL guideline)

**Credits:** 4

**Prerequisites:**

ASL 101 is a course for beginners, so there are no prerequisites.



### ASL 102: First Year American Sign Language II

Continues work of ASL 101, further developing all skills. Primary emphasis on the student's active communication in ASL. Includes grammar and culture information. Proficiency target level: Intermediate low.

### Course Student Learning Outcomes

Upon completion of ASL 102 course students:

- Are able to handle successfully a limited number of interactive, task-oriented and social situations.
- Can ask and answer questions, initiate and respond to simple statements and generally maintain face-to-face conversation.
- Continue to apply language-learning skills outside the language classroom.
- Act with respect and better understanding of Deaf people and ASL, with an appreciation for their linguistic and cultural diversity.
- To have a passing grade, students will exhibit mastery of target language at Intermediate Low (ACTFL guideline) at completion of course.

**Credits:** 4

**Prerequisites:**

[ASL 101](#)

Prerequisite course must have been completed within one year of class enrollment; proficiency interview within one term. Sign Language Proficiency Interview through Sign Language Interpretation Program may also be accepted in lieu of ASL 101.

### ASL 103: First Year American Sign Language III

Continues work of ASL 102, further developing all skills. Primary emphasis on the student's active communication in ASL. Includes grammar and culture information. Proficiency target level: Intermediate low.

### Course Student Learning Outcomes

Upon completion of this course, students will be able to:

- Are able to handle successfully a variety of uncomplicated, basic and communicative tasks and social situations in a culturally acceptable manner.
  - Can ask and answer questions and participate in simple conversations on topics beyond the most immediate needs; e.g. giving directions, describing others, making requests, about family and occupations in depth, attributing qualities to others, talking about routines and maintaining and interrupting conversation at appropriate times.
  - Continue to apply language-learning skills outside the language classroom.
  - Act with respect and better understanding of Deaf people and ASL, with an appreciation for their linguistic and cultural diversity.
- To have a passing grade, students will exhibit mastery of target language at Intermediate Mid level (ACTFL guideline) at completion of course.

**Credits:** 4

**Prerequisites:**

[ASL 102](#)

Prerequisite course must have been completed within one year of class enrollment; proficiency interview within one term. Sign Language Proficiency Interview through Sign Language Interpretation Program may also be accepted in lieu of ASL 102.

# Anthropology

## ATH 101: Introduction to Biological Anthropology

Introduces biological anthropology and the study of evolution in the context of modern genetics and primate behavior studies. Examines human fossil record, diversity, and commonality of present and past populations of humankind.

## Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Discuss basic concepts and methods in biological anthropology.
- Use an understanding of biology, genetics, and fossil evidence to examine the process of human biological and cultural evolution over time.
- Identify how human beings influence the environment and are influenced by the environment in which they live.
- Use an understanding of anthropology to describe historical and contemporary issues in evolutionary biology and genetics, such as race, stem cell research, gene patents, eugenics, and ethical issues related to the excavation and study of the prehistoric remains of indigenous people.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## ATH 102: Introduction to Archaeology and Prehistory

Introduces methods and techniques used by archaeologists to study the development of human culture. Provides a survey of world prehistory, while emphasizing the development of social complexity and the origins of agriculture that precede both new and old world civilizations.

## Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Use an understanding of archaeological methods and theories to evaluate artifacts and other data.
- Describe the impact of human beings on the environment over time and in different ecological settings.
- Discuss ethical issues related to cultural resource management and the excavation and study of human remains associated with indigenous societies from an anthropological perspective.
- Examine systems of power and social justice related to ancient societies and compare them with similar systems of power and privilege in contemporary societies from an anthropological perspective.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### ATH 103: Introduction to Cultural Anthropology

Considers contemporary human cultures from an anthropological perspective. Covers fieldwork, language, race, gender, sex and marriage, kinship, politics, world view, religion, economics, and globalization from a cross-cultural perspective.

This course compares cultures found around the globe, focusing closely upon at least two specific cultures, with extended discussion of additional cultures and societies as appropriate. Greater understanding of particular cultures will be achieved through an application of the comparative method.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Describe basic concepts, methods, and theories associated with cultural anthropology.
- Use an understanding of anthropology to identify and compare values, beliefs, norms, economic systems, and social organization or institutions in a variety of societies in different world regions.
- Examine systems of power and social justice issues related to U.S. society and other cultures from an anthropological perspective.
- Explore fieldwork methods and ethical considerations of doing anthropological fieldwork.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## Applied Music

### MUP 171A: Applied Music/Piano

Provides individual private piano instruction. Develops applied performance skills at the music major/minor level. Draws repertory and technique methods from classical and/or jazz traditions. Includes training in performance practice and stylistic interpretation through focus on tone production, technique, applied keyboard knowledge, sight-reading and other aspects of musicianship as applied to the piano.

All applied music students are required to attend weekly lessons, attend weekly performance classes, participate in public performance, and complete a music jury. A substantial amount of out-of-lesson practice time is required.

### Course Student Learning Outcomes

- Use an understanding of elementary musicianship and performance etiquette to perform basic solo piano repertory.
- Use an understanding of elementary music literacy to prepare and rehearse basic solo piano repertory for performance.
- Use an elementary understanding of stylistic distinctions in basic solo piano repertory to accurately interpret music in performance.
- Use an elementary understanding of the piano keyboard to continue to improve as a performer.

Credits: 1-2

### **MUP 171B: Applied Music/Piano**

Provides individual private piano instruction. Develops applied performance skills at the music major/minor level. Draws repertory and technique methods from classical and/or jazz traditions. Includes training in performance practice and stylistic interpretation through focus on tone production, technique, applied keyboard knowledge, sight-reading and other aspects of musicianship as applied to the piano.

All applied music students are required to attend weekly lessons, attend weekly performance classes, participate in public performance, and complete a music jury. A substantial amount of out-of-lesson practice time is required.

### **Course Student Learning Outcomes**

- Use an understanding of beginning musicianship and performance etiquette to prepare and rehearse basic solo piano repertory.
- Use an understanding of beginning music literacy to prepare and rehearse basic solo piano repertory for performance.
- Use a beginning understanding of stylistic distinctions in basic solo piano repertory to accurately interpret music in performance.
- Use a beginning understanding of the piano keyboard to continue to improve as a performer.

**Credits:** 1-2

**Prerequisites:**

[MUP 171A](#)

### **MUP 171C: Applied Music/Piano**

Provides individual private piano instruction. Develops applied performance skills at the music major/minor level. Draws repertory and technique methods from classical and/or jazz traditions. Includes training in performance practice and stylistic interpretation through focus on tone production, technique, applied keyboard knowledge, sight-reading and other aspects of musicianship as applied to the piano.

All applied music students are required to attend weekly lessons, attend weekly performance classes, participate in public performance, and complete a music jury. A substantial amount of out-of-lesson practice time is required.

### **Course Student Learning Outcomes**

- Use an understanding of beginning/intermediate-level musicianship and performance etiquette to prepare and rehearse intermediate solo piano repertory.
- Use an understanding of beginning/intermediate music literacy to prepare and rehearse intermediate-level solo piano repertory for performance.
- Use a basic understanding of stylistic distinctions in intermediate solo piano repertory to accurately interpret music in performance.
- Use a basic understanding of the piano keyboard to improve as a performer.

**Credits:** 1-2

**Prerequisites:**

[MUP 171B](#)

### **MUP 174A: Applied Music/Voice**

Provides individual private voice instruction. Develops applied performance skills at the music major/minor level. Draws repertory and technique methods from classical and/or jazz traditions. Includes training in performance practice and stylistic interpretation through focus on tone production, technique, diction, sight-reading and other aspects of musicianship as applied to singing.

All applied music students are required to attend weekly lessons, attend weekly performance classes, participate in public performance, and complete a music jury. A substantial amount of out-of-lesson practice time is required.

### **Course Student Learning Outcomes**

- Use an understanding of elementary musicianship and performance etiquette to perform basic solo vocal repertory.
- Use an understanding of elementary music literacy to prepare and rehearse basic solo vocal repertory for performance.
- Use an elementary understanding of stylistic distinctions in basic solo vocal repertory to accurately interpret music in performance.
- Use an elementary understanding of the human voice to continue to improve as a performer.

**Credits:** 1-2

### **MUP 174B: Applied Music/Voice**

Provides individual private voice instruction. Develops applied performance skills at the music major/minor level. Draws repertory and technique methods from classical and/or jazz traditions. Includes training in performance practice and stylistic interpretation through focus on tone production, technique, diction, sight-reading and other aspects of musicianship as applied to singing.

All applied music students are required to attend weekly lessons, attend weekly performance classes, participate in public performance, and complete a music jury. A substantial amount of out-of-lesson practice time is required.

### **Course Student Learning Outcomes**

- Use an understanding of beginning musicianship and performance etiquette to prepare and rehearse basic solo vocal repertory.
- Use an understanding of beginning music literacy to prepare and rehearse basic solo vocal repertory for performance.
- Use a beginning understanding of stylistic distinctions in basic solo vocal repertory to accurately interpret music in performance.
- Use a beginning understanding of the human voice to continue to improve as a performer.

**Credits:** 1-2

**Prerequisites:**

[MUP 174A](#)

### **MUP 174C: Applied Music/Voice**

Provides individual private voice instruction. Develops applied performance skills at the music major/minor level. Draws repertory and technique methods from classical and/or jazz traditions. Includes training in performance practice and stylistic interpretation through focus on tone production, technique, diction, sight-reading and other aspects of musicianship as applied to singing.

All applied music students are required to attend weekly lessons, attend weekly performance classes, participate in public performance, and complete a music jury. A substantial amount of out-of-lesson practice time is required.

### **Course Student Learning Outcomes**

- Use an understanding of beginning/intermediate-level musicianship and performance etiquette to prepare and rehearse intermediate solo vocal repertory.
- Use an understanding of beginning/intermediate music literacy to prepare and rehearse intermediate-level solo vocal repertory for performance.
- Use a basic understanding of stylistic distinctions in intermediate solo vocal repertory to accurately interpret music in performance.
- Use a basic understanding of the human voice to improve as a performer.

**Credits:** 1-2

**Prerequisites:**

[MUP 174B](#)

### **MUP 177A: Applied Music/Violincello**

Provides individual private cello instruction. Develops applied performance skills at the music major/minor level. Draws repertory and technique methods from the classical tradition. Includes training in performance practice and stylistic interpretation through focus on tone production, technique, articulation, sight-reading and other aspects of musicianship as applied to cello performance.

All applied music students are required to attend weekly lessons, attend weekly performance classes, participate in public performance, and complete a music jury. A substantial amount of out-of-lesson practice time is required.

### **Course Student Learning Outcomes**

- Use an understanding of elementary musicianship and performance etiquette to perform basic solo cello repertory.
- Use an understanding of elementary music literacy to prepare and rehearse basic solo cello repertory for performance.
- Use an elementary understanding of stylistic distinctions in basic solo cello repertory to accurately interpret music in performance.
- Use an elementary understanding of the cello to continue to improve as a performer.

**Credits:** 1-2

### **MUP 177B: Applied Music/Violincello**

Provides individual private cello instruction. Develops applied performance skills at the music major/minor level. Draws repertory and technique methods from the classical tradition. Includes training in performance practice and stylistic interpretation through focus on tone production, technique, articulation, sight-reading and other aspects of musicianship as applied to cello performance.

All applied music students are required to attend weekly lessons, attend weekly performance classes, participate in public performance, and complete a music jury. A substantial amount of out-of-lesson practice time is required.

### **Course Student Learning Outcomes**

- Use an understanding of beginning musicianship and performance etiquette to prepare and rehearse basic solo cello repertory.
- Use an understanding of beginning music literacy to prepare and rehearse basic solo cello repertory for performance.
- Use a beginning understanding of stylistic distinctions in basic solo cello repertory to accurately interpret music in performance.
- Use a beginning understanding of the cello to continue to improve as a performer.

**Credits:** 1-2

**Prerequisites:**

[MUP 177A](#)

### **MUP 177C: Applied Music/Violincello**

Provides individual private cello instruction. Develops applied performance skills at the music major/minor level. Draws repertory and technique methods from the classical tradition. Includes training in performance practice and stylistic interpretation through focus on tone production, technique, articulation, sight-reading and other aspects of musicianship as applied to cello performance.

All applied music students are required to attend weekly lessons, attend weekly performance classes, participate in public performance, and complete a music jury. A substantial amount of out-of-lesson practice time is required.

### **Course Student Learning Outcomes**

- Use an understanding of beginning/intermediate-level musicianship and performance etiquette to prepare and rehearse intermediate solo cello repertory.
- Use an understanding of beginning/intermediate music literacy to prepare and rehearse intermediate-level solo cello repertory for performance.
- Use a basic understanding of stylistic distinctions in intermediate solo cello repertory to accurately interpret music in performance.
- Use a basic understanding of the cello to improve as a performer.

**Credits:** 1-2

**Prerequisites:**

[MUP 177B](#)



### **MUP 180A: Applied Music/Guitar**

Provides individual private guitar instruction. Develops performance skills at the music major/minor level. Covers repertory and technique methods drawn from classical and/or jazz traditions. Includes training in performance practice and stylistic interpretation through focus on tone production, technique, fretboard knowledge, sight-reading and other aspects of musicianship as applied to the guitar.

All applied music students are required to attend weekly lessons, attend weekly performance classes, participate in public performance, and complete a music jury. A substantial amount of out-of-lesson practice time is required.

### **Course Student Learning Outcomes**

- Use an understanding of elementary musicianship and performance etiquette to perform basic solo guitar repertory.
- Use an understanding of elementary music literacy to prepare and rehearse basic solo guitar repertory for performance.
- Use an elementary understanding of stylistic distinctions in basic solo guitar repertory to accurately interpret music in performance.
- Use an elementary understanding of the guitar to continue to improve as a performer.

**Credits:** 1-2

### **MUP 180B: Applied Music/Guitar**

Provides individual private guitar instruction. Develops performance skills at the music major/minor level. Covers repertory and technique methods drawn from classical and/or jazz traditions. Includes training in performance practice and stylistic interpretation through focus on tone production, technique, fretboard knowledge, sight-reading and other aspects of musicianship as applied to the guitar.

All applied music students are required to attend weekly lessons, attend weekly performance classes, participate in public performance, and complete a music jury. A substantial amount of out-of-lesson practice time is required.

### **Course Student Learning Outcomes**

- Use an understanding of beginning musicianship and performance etiquette to prepare and rehearse basic solo guitar repertory.
- Use an understanding of beginning music literacy to prepare and rehearse basic solo guitar repertory for performance.
- Use a beginning understanding of stylistic distinctions in basic solo guitar repertory to accurately interpret music in performance.
- Use a beginning understanding of the guitar to continue to improve as a performer.

**Credits:** 1-2

**Prerequisites:**

[MUP 180A](#)

### **MUP 180C: Applied Music/Guitar**

Provides individual private guitar instruction. Develops performance skills at the music major/minor level. Covers repertory and technique methods drawn from classical and/or jazz traditions. Includes training in performance practice and stylistic interpretation through focus on tone production, technique, fretboard knowledge, sight-reading and other aspects of musicianship as applied to the guitar.

All applied music students are required to attend weekly lessons, attend weekly performance classes, participate in public performance, and complete a music jury. A substantial amount of out-of-lesson practice time is required.

### **Course Student Learning Outcomes**

- Use an understanding of beginning/intermediate-level musicianship and performance etiquette to prepare and rehearse intermediate solo guitar repertory.
- Use an understanding of beginning/intermediate music literacy to prepare and rehearse intermediate-level solo guitar repertory for performance.
- Use a basic understanding of stylistic distinctions in intermediate solo guitar repertory to accurately interpret music in performance.
- Use a basic understanding of the guitar to improve as a performer.

**Credits:** 1-2

**Prerequisites:**

[MUP 180B](#)

### **MUP 192: Applied Music Miscellaneous**

Individual first-year instruction in piano, voice and instruments of the band and orchestra.

### **Course Student Learning Outcomes**

The material for the course will be presented in a lab/demonstration format.

- Students will be required to perform each quarter in a student recital.
- Students will be able to demonstrate good tone production, rhythmic precision, articulation, technical development, scales, chords, phrasing and musicianship.

**Credits:** 1

### **MUP 192A: Applied Music/Miscellaneous**

Provides individual private instruction on miscellaneous instrument from the western and global traditions. Develops applied performance skills at the music major/minor level. Covers repertory and technique methods drawn from classical and/or jazz traditions. Includes training in performance practice and stylistic interpretation through focus on tone production, technique, articulation, sight-reading and other aspects of musicianship as applied to the performance of miscellaneous instruments.

All applied music students are required to attend weekly lessons, attend weekly performance classes, participate in public performance, and complete a music jury. A substantial amount of out-of-lesson practice time is required.

### **Course Student Learning Outcomes**

- Use an understanding of elementary musicianship and performance etiquette to perform basic solo instrumental repertory.
- Use an understanding of elementary music literacy to prepare and rehearse basic solo instrumental repertory for performance.
- Use an elementary understanding of stylistic distinctions in basic solo instrumental repertory to accurately interpret music in performance.
- Use an elementary understanding of the student's instrument to continue to improve as a performer.

**Credits:** 1-2

### **MUP 293A: Applied Music/Guitar II**

Provides individual private guitar instruction. Develops applied performance skills at the music major/minor level. Draws repertory and technique methods from classical and/or jazz traditions. Includes training in performance practice and stylistic interpretation through focus on tone production, technique, fretboard knowledge, sight-reading and other aspects of musicianship as applied to the guitar.

All applied music students are required to attend weekly lessons, attend weekly performance classes, participate in public performance, and complete a music jury. A substantial amount of out-of-lesson practice time is required.

### **Course Student Learning Outcomes**

- Use an understanding of intermediate-level musicianship and performance etiquette to prepare and rehearse intermediate solo guitar repertory.
- Use an understanding of intermediate music literacy to prepare and rehearse intermediate-level solo guitar repertory for performance.
- Use an understanding of stylistic distinctions in intermediate solo guitar repertory to accurately interpret music in performance.
- Use an intermediate understanding of the guitar to improve as a performer.

Credits: 1-2

Prerequisites:

[MUP 180C](#)

### **MUP 293B: Applied Music/Guitar II**

Provides individual private guitar instruction. Develops applied performance skills at the music major/minor level. Draws repertory and technique methods from classical and/or jazz traditions. Includes training in performance practice and stylistic interpretation through focus on tone production, technique, fretboard knowledge, sight-reading and other aspects of musicianship as applied to the guitar.

All applied music students are required to attend weekly lessons, attend weekly performance classes, participate in public performance, and complete a music jury. A substantial amount of out-of-lesson practice time is required.

### **Course Student Learning Outcomes**

- Use an understanding of intermediate/advanced-level musicianship and performance etiquette to prepare and rehearse advanced solo guitar repertory.
- Use an understanding of intermediate/advanced music literacy to prepare and rehearse advanced solo guitar repertory for performance.
- Use an understanding of stylistic distinctions in intermediate/advanced solo guitar repertory to accurately interpret music in performance.
- Use an intermediate/advanced understanding of the guitar to improve as a performer.

Credits: 1-2

Prerequisites:

[MUP 293A](#)

### MUP 293C: Applied Music/Guitar II

Provides individual private guitar instruction. Develops applied performance skills at the music major/minor level. Draws repertory and technique methods from classical and/or jazz traditions. Includes training in performance practice and stylistic interpretation through focus on tone production, technique, fretboard knowledge, sight-reading and other aspects of musicianship as applied to the guitar.

All applied music students are required to attend weekly lessons, attend weekly performance classes, participate in public performance, and complete a music jury. A substantial amount of out-of-lesson practice time is required.

### Course Student Learning Outcomes

- Use an understanding of advanced -level musicianship and performance etiquette to prepare and rehearse advanced solo guitar repertory.
- Use an understanding of advanced music literacy to prepare and rehearse advanced solo guitar repertory for performance.
- Use an understanding of stylistic distinctions in advanced solo guitar repertory to accurately interpret music in performance.
- Use an advanced understanding of the guitar to improve as a performer.

Credits: 1-2

Prerequisites:

[MUP 293B](#)

## Aquarium Science

The Aquarium Science Program offers a comprehensive two-year Associate of Applied Science (AAS) degree and a one-year Certificate that is open only to individuals who already possess a Bachelor's degree in a life science area. Both the Certificate and the AAS provide theory and practical experience designed to prepare students for a career in aquatic animal husbandry.

Enrollment in the Aquarium Science Program is limited. For additional information and to apply for the program online visit the college webpage at <http://www.oregoncoastcc.org/aquarium-science> or contact, the Aquarium Science Program Manager.

Students who successfully earn a degree or certificate will be qualified to work in the aquatic animal husbandry profession. They may be eligible for entry-level positions as aquarists, aquatic biologists, and keepers. Potential employment opportunities include public zoos and aquariums, ornamental fish retailers and wholesalers, aquaculture businesses, fish hatcheries, research programs, marine educational centers, state and federal natural resource agencies, as well as self-employment.

## Admissions Requirements

Enrollment is limited to 20 to 24 students each year. Individuals wanting to enroll in the program must complete an on-line application located at <http://www.oregoncoastcc.org/aquarium-science>. Each applicant will have an interview with the Aquarium Science faculty.

## Program Outcomes

Students completing the AAS or certificate will:

- Accurately communicate, verbally, and in writing, scientific concepts, research findings and ideas to professionals and the general public.
- Maintain, analyze, diagnose, and repair aquatic life support systems and their components.
- Perform basic water quality analysis using standard testing equipment.
- Maintain healthy animal populations by applying industry standards and practices to aquarium set-up, monitoring, and animal care.
- Identify healthy, physically compromised animals, and abnormal animal behaviors.
- Work as a member of a team to conceptualize, plan, construct, and manage environments that promote healthy fishes and invertebrates.
- Apply fundamental knowledge and skills in science, mathematics, and communications for success in a professional or academic setting (AAS degree specific outcome).

### **AQS 100: Introduction to Aquarium Science**

Examines the history of animal keeping and present day aquatic animal husbandry industries. Explores the biological processes occurring in the aquarium environment. Learn proper setup and maintenance of home aquaria.

### **Course Student Learning Outcomes**

- Assess the physical, chemical, and biological processes occurring in the aquatic environment.
- Create and maintain suitable aquatic habitats.
- Properly use associated tools and equipment.
- Identify employment venues and information resources.
- Recognize major groupings of fishes and invertebrate species found in the aquarium industry and use appropriate criteria for their selection to aquarium systems.

**Credits:** 3

### **AQS 110: Aquarium Science Practicum 1**

Introduces aquatic animal husbandry work environment and the care of captive aquatic animals. Emphasizes daily animal care and exhibit readiness.

### **Course Student Learning Outcomes**

- Prepare food for the animal collection and clean animal collection areas to industry standards.
- Assist with opening and closing procedures at the aquatic facility.
- Culture, harvest, and distribute live food organisms to the animal collection.
- Interpret exhibits and aquatic animal work areas to facility patrons in a positive and informative manner.
- Identify fishes and invertebrate behaviors.
- Design and implement a fish transport strategy.

**Credits:** 2

### **AQS 111: Aquarium Science Practicum 2**

Builds upon the experiences gained in Practicum 1. Involves participation in a higher level of aquatic animal husbandry activities including animal health procedures, long-term record keeping and life support systems training.

### **Course Student Learning Outcomes**

- Apply aquatic animal husbandry skills with captive aquatic animals.
- Assess operational issues in order to improve animal care.
- Diagram the flow of water from its source to its discharge location.
- Organize and communicate system and animal observations in a clear, concise manner.

**Credits:** 2

### **AQS 165: Current Issues in Aquarium Science**

Students understand both internal operational issues and external issues which impact zoological facilities. Incorporates various topics each term.

### **Course Student Learning Outcomes**

- Discuss the benefits that a zoological facility presents to the local community and to society.
- Understand and discuss the role of revenue streams and expenditures within a zoological institution.
- Identify how global or regional conditions outside of a zoological organization impact its operations.
- Understand the role of the Association of Zoos and Aquariums (AZA) and similar organizations in promoting the viability of zoological facilities.

**Credits:** 1

### AQS 173: Water Chemistry in Aquatic Systems

This course covers water chemistry dynamics in aquatic systems and covers topics including lab safety, occupational safety, the Nitrogen cycle salinity, dissolved oxygen, acid/base chemistry, pH and pH buffering, ozone chemistry, coliform bacteria testing, working knowledge of spectrophotometers and other lab techniques, proper handling and disposal of water quality (WQ) reagents, management of conservative and nonconservative salts, dilutions, molarity, stoichiometry, and basic calcifying invertebrate chemistry and husbandry. The class will focus on the chemistry of human managed aquatic systems like aquarium and aquaculture facilities but will relate the issues to the ecosystems that aquatic animals inhabit. The Aquatic Animal Life Support Operators (AALSO) Water Quality Technician Level 1 test will be incorporated into the final exam for this course.

#### Addendum to Course Description

A Working knowledge of water chemistry and how different chemical compounds interact to promote or degrade the health of a living aquatic system and the animals living in it is essential to the success of a professional aquatic animal keeper. The lectures and labs in this course provide hands-on training in different aspects of water chemistry and how to properly and safely maintain or manipulate water chemistry parameters.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Express orally or in writing, the basic elements of water chemistry in aquatic systems and the ideal ranges for WQ parameters in different types of aquatic systems.
- Have working knowledge of how WQ parameters outside recommended ranges affect the health of the system and the animals living in it and be able to express it orally, graphically, and in writing.
- Interpret water chemistry parameters and be able to develop a plan to safely manipulate and proactively manage these values in order to maintain system and animal health.
- Understand how WQ impacts natural aquatic ecosystems.
- Prepare students to take the AALSO Water Quality Technician Level 1 test.

**Credits:** 4

#### Prerequisites:

[AQS 100](#)

[BI 101](#)

[MTH 65](#)

### AQS 186: Introduction to Scientific Diving

Examines the technical and safety components of scientific diving and meets all academic training requirements compliant with American Academy of Underwater Sciences (AAUS) standards. Includes professional level of emergency responder certifications, watermanship proficiency, and authorization as a surface tender to support scientific diving operations.

### Course Student Learning Outcomes

- Demonstrate a knowledge of AAUS scientific diving standards.
- Work as an authorized scientific diving tender.
- Act as an emergency first responder in rescue scenarios.
- Independently create dive plans.
- Demonstrate adequate waterman-ship skills while working as a tender for aquatic operations.

**Credits:** 3

#### Prerequisites:

Acceptance into Aquarium Science program.

### AQS 201: Applied Learning in Aquarium Science I

First semester of Applied Learning in Aquarium Science. This course provides degree-seeking students beginning their second year in the Program enhanced learning opportunities and additional development by applying what they learned in their first year in instructor-directed projects in the Teaching Aquarium or at an offsite facility.

### Course Student Learning Outcomes

Working under the guidance of a mentor, students would demonstrate:

- How to interpret water chemistry tests results and formulate a response plan for proactive water quality management on one or more systems.
- An understanding of the importance of proper and consistent documentation in the health of aquatic animals and life support systems.
- Identify normal and abnormal fish and invertebrate behaviors to better understand and address emerging health issues.
- How to troubleshoot and optimize life support components on assigned systems.
- Enhanced daily husbandry duties to promote optimal system and aquatic animal health.
- How to describe theories and principles of routine husbandry verbally and in writing.
- How to develop a dietary regimen for specific species designed for optimal animal health.

Credits: 1

### AQS 202: Applied Learning in Aquarium Science II

Second semester of Applied Learning in Aquarium Science. This course provides degree-seeking students beginning their second year in the Program enhanced learning opportunities and additional development by applying what they learned in their first year in instructor-directed projects in the Teaching Aquarium or at an offsite facility.

### Course Student Learning Outcomes

Working under the guidance of a mentor, students would demonstrate:

- Enhanced interpretation of water chemistry tests results and the implantation of a response plan for proactive water quality management on one or more systems.
- A consistently practiced understanding of the importance of proper documentation in the health of aquatic animals and life support systems and how this information enhances a team approach to animal health.
- How changes in animal behavior, appetite, coloration and responses to stimuli often indicate an underlying health problem and formulate an informed hypothesis regarding the nature of the problem.
- An advanced understanding of aquatic life support components and functions, including how to properly disassemble, inspect and perform maintenance and replacement of worn parts.
- Enhanced daily, weekly, monthly and semi-annual husbandry duties to promote optimal system and aquatic animal health.
- How to describe theories and principles of advanced husbandry verbally and in writing.
- How to develop a dietary regimen for larger and more challenging species designed to promote optimal animal health, including weighing animals and charting how changes in diet affect weight, activity levels and other metrics.



### **AQS 215: Biology of Captive Fishes**

Examines the anatomy and physiology of freshwater and marine fishes and the constraints placed upon them in a controlled environment. Increases an understanding of fish behavior through the use of ethograms.

### **Course Student Learning Outcomes**

- Identify basic external and internal anatomical features of fishes.
- Identify fish species using a dichotomous key.
- Recognize the immense diversity and variation among living fishes.
- Describe the effects of key factors in the captive controlled environment on respiration, metabolism, immune response, food assimilation, growth, reproduction, and behavior.
- Understand the influence of stress on fish physiology, health, and behavior.
- Describe osmoregulatory processes of marine and freshwater fishes.
- Develop and conduct a study of captive fish behavior.

**Credits:** 4

### **AQS 216: Elasmobranch Husbandry**

Examines the history of captive shark and ray management, current regulations, legislation and conservation of elasmobranchs. Emphasizes requirements associated with keeping a healthy population of elasmobranchs.

### **Course Student Learning Outcomes**

- Identify commonly kept species of elasmobranchs (sharks, skates and rays).
- Identify proper nutrition, commonly encountered health conditions, and common behavior associated with elasmobranchs in captive environments.
- Discuss factors necessary for the safe handling, immobilization and transport of elasmobranchs.
- Discuss factors influencing the long-term success in keeping elasmobranchs in controlled captive environments.

**Credits:** 2

### **AQS 220: Biology of Captive Invertebrates**

Reviews the life history and captive care requirements of invertebrates commonly cultured in the aquatic animal industry/profession.

### **Course Student Learning Outcomes**

- Recognize and identify internal and external features of commonly kept and cultured aquatic invertebrates.
- Discuss the important physiologic characteristics of aquatic invertebrates including reproduction, locomotion, and osmoregulation.
- Describe the natural life history of commonly kept and cultured aquatic invertebrates.
- Identify the husbandry requirements for selected aquatic invertebrates.5.Design a culture system suitable for selected aquatic invertebrates.

**Credits:** 4

**Prerequisites:**

Instructor permission or

### **AQS 226: Biology of Diverse Captive Species**

Examines the basic husbandry and system requirements of a broad range of phyla found in public aquariums, research, and other zoological collections. Highlights specialized needs of selected invertebrate and fish species and introduces students to challenges and considerations for reptile, amphibian, avian, and marine mammal husbandry.

### **Course Student Learning Outcomes**

- Understand the basic husbandry requirements of diverse captive species with specialized needs.
- Discuss the broad taxonomic groups represented in public aquarium collections.
- Identify high risk stages in the life history of selected species.
- Determine and describe a suitable habitat for selected species.
- Prescribe appropriate husbandry protocol for selected species.
- Relate legislative and husbandry issues to the care of diverse captive species.

**Credits:** 2

### **AQS 232: Reproduction and Nutrition of Aquatic Animals**

Examines the reproductive strategies of fishes and invertebrates in a controlled environment and the manipulation of environmental and physiological parameters that initiate reproduction. The nutritional requirement of selected aquatic animals throughout their life history is explored. Industry standards for food handling and HACCP requirements are also discussed.

### **Course Student Learning Outcomes**

- Identify common reproductive strategies of selected fishes and invertebrates.
- Construct an environmental protocol to induce gamete maturation in commonly cultured fishes and invertebrates.
- Apply rearing techniques for the care of offspring of commonly cultured fishes and invertebrates.
- Formulate a suitable dietary and feeding program for aquatic animals.

**Credits: 4**

### **AQS 240: Life Support System Design and Operation**

Examines the role of life support systems in maintaining a balanced, stable aquatic environment. Presents how to design, construct, maintain and troubleshoot semiclosed, closed and open systems.

### **Course Student Learning Outcomes**

- Identify water quality parameters impacted by life-support systems and relate the use of associated equipment to evaluate aquatic environments.
- Identify the functions and the relationships of life support system components in maintaining a balanced aquatic system.
- Size and select appropriate life support system components and equipment for an aquatic system.
- Troubleshoot and remedy faulty life support system components.
- Diagram the flow of water from its source to its discharge location.
- Design and build an aquatic life support system.

**Credits: 4**

### **AQS 245: Animal Husbandry in a Research Capacity**

Examines the use of fish in research and the ethical issues associated with this practice. Common procedures and research methodology such as anesthesia, biopsy, blood draws, minor surgeries, field study, behavioral techniques, and euthanasia will be presented.

### **Course Student Learning Outcomes**

- Explain the role of Institutional Animal Care and Use Committee or similar entity that is responsible for monitoring the quality of animal care at a research facility.
- Distinguish between animal rights and animal welfare perspectives.
- Develop a Standard Operating Procedure for the transport, acclimation, quarantine, feeding and husbandry of a healthy population of fish for research purposes.
- Discuss the responsibilities of the aquarist or animal husbandry technician as it relates to fish husbandry and welfare.
- Implement measures to reduce workplace hazards.

**Credits: 2**

### AQS 252: Exhibits and Interpretation

Introduces the principles of exhibit development and interpretive presentations. Covers projects in exhibit planning, performing interpretive presentations, and writing interpretive pieces. Emphasizes the process of developing exhibits and interpretation from conceptual statement through fabrication, performance, or publication.

### Course Student Learning Outcomes

- Serve as a contributing member of an exhibit planning team, supporting the process of creating an exhibit and the roles of others on the team.
- Apply the principles of interpretation to the programs that husbandry staff are frequently asked to perform.
- Identify criteria, considerations and components for the design and implementation of aquarium tanks, lighting, interior tank habitats, and live animal collections.
- Write effective interpretive material for exhibits, newsletters, and brochures.
- Describe what makes an effective exhibit, and evaluate exhibits and interpretation using industry standard criteria.
- Apply industry related information resources to the design and development of aquarium exhibits and interpretation.

Credits: 3

### AQS 270: Fish and Invertebrate Health Management

Reviews the common infectious and noninfectious diseases of captive fish and invertebrates. Examines the common techniques of fish and invertebrate health management.

### Course Student Learning Outcomes

- Identify the common signs of disease in fish and invertebrates.
- Describe the common infectious and noninfectious diseases associated with captive aquarium fish.
- Demonstrate proper use and maintenance of laboratory instrumentation.
- Demonstrate proper necropsy and sample collection techniques.
- Formulate a health management and biosecurity plan based upon the results of diagnostic testing, water quality measurements and professional consultation.
- Perform common treatment methodologies.

Credits: 4

### AQS 295: Aquarium Science Internship

Exposes students to the daily diligence, responsibilities and rewards of the aquatic animal husbandry profession. Includes daily animal care and facility readiness routines, assisting life support staff and animal health management professionals, and evaluation of operational aspects of the facility.

### Course Student Learning Outcomes

- Apply aquatic animal husbandry skills with aquatic systems and captive aquatic animals.
- Evaluate and participate in the delivery of aquatic animal nutrition, sanitation and biosecurity programs at an aquatic animal care facility.
- Enter data and extract information within record keeping and databases used by the industry.
- Discuss historic and current animal health management of captive aquatic animals within an aquatic animal care facility.
- Evaluate and participate in the delivery of water quality management program within an aquatic animal care facility.
- Identify components, configuration and operational requirements of life support systems within an aquatic animal care facility.
- Identify and discuss aquarium exhibits in regard to their design, thematic delivery and operational requirements at an aquatic animal care facility.

Credits: 12

## Art

### ART 102: Understanding the Visual Arts

Introduces aesthetic, historical, and critical issues of the visual arts. Presents aspects of drawing, painting, sculpture and craft in terms of experiencing, appreciating and understanding their roles in our lives.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- recognize formal qualities in two- and three-dimensional arts and read visual elements, artistic and cultural styles, and symbols
- view works of art "dynamically," that is, to appreciate and communicate simultaneously individual viewer response, the uniqueness of a work, its origins and precedent, its potential as an inspiration and influence on later art, and its relationship to a particular cultural moment
- decipher the visual arts through understanding of historical, social, cultural, economic, and political contexts
- generalize course content to other art not covered in the course so that he/she can understand and value the visual arts in all-encompassing global ways

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### ART 103: Understanding New Media Arts

Introduces aesthetic, historical, and critical issues of new media arts and design. Presents aspects of printmaking, photography, graphic design, video, film, performance, installation, and other forms of time-based art in terms of experiencing, appreciating and understanding their roles in our lives.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- recognize formal qualities in new media arts and read visual elements, artistic and cultural styles, and symbols
- view works of art "dynamically," that is, to appreciate and communicate simultaneously individual viewer response, the uniqueness of a work, its origins and precedent, its potential as an inspiration and influence on later art, and its relationship to a particular cultural moment
- decipher new media arts and design through understanding of historical, social, cultural, economic, and political contexts
- generalize course content to other art not covered in the course so that he/she can understand and value new media arts and design in all-encompassing global ways

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### ART 115: Basic Design - 2D Foundations

Introduces two dimensional black and white foundations studio experience centered on creative problem solving. Develops perceptual awareness and understanding. Establishes critical skills and personal artistic vision. Investigates a broad range of materials, techniques and projects to explore black and white design concepts with reference to historical and contemporary perspectives. Basic Design series 115, 116, and 117 may be taken in any sequence.

### Course Student Learning Outcomes

- See and apply design and sources of design with increasing perceptual awareness and understanding in daily living.
- Create personally significant works of design applying basic design concepts and techniques.
- Assess, evaluate, appreciate and respect design work.
- Develop creative solutions to design problems.
- Handle art materials with environmental awareness and responsibility.

Credits: 3

### **ART 116: Basic Design - Color Foundations**

Introduces color foundations studio experience centered on creative problem solving. Develops perceptual awareness and understanding. Establishes critical skills and personal artistic vision. Investigates a broad range of materials, techniques and projects to explore color design concepts with reference to historical and contemporary perspectives. Basic Design series 115, 116, and 117 may be taken in any sequence.

### **Course Student Learning Outcomes**

- See and apply color, design and sources of color and design with increasing perceptual awareness and understanding in daily living.
- Create personally significant works of design applying basic design/color concepts and techniques.
- Assess, evaluate, appreciate and respect design work.
- Develop creative solutions to color design problems.
- Handle art materials with environmental awareness and responsibility.

**Credits: 3**

### **ART 117: Basic Design -3D Foundations**

Explores ways of seeing and creating work that acknowledges personal artistic intentions. Examines various 2-D, 3-D, and 4-D media and processes used to develop and encourage creative problem solving. Establishes critical skills necessary to evaluate art through critiques, discussions, and artistic presentation. Investigates artistic intent, aesthetic and structural solutions, and perceptual awareness. Basic Design series 115, 116, and 117 may be taken in any sequence.

Recommended: an introduction to art, art history or a sense of curiosity and a willingness to experiment.

### **Course Student Learning Outcomes**

- See three-dimensional design and sources of design with perceptual awareness and understanding in daily living.
- Create personally significant works of design.
- Assess, evaluate, appreciate and respect design work.
- Develop creative solutions to three-dimensional design problems.
- Handle art materials with environmental awareness and responsibility.

**Credits: 3**

### ART 131A: Drawing I

Explores basic perceptual drawing techniques and tools as well as the development of the language of drawing in historical and contemporary contexts. Introduces critical skills for sighting, measuring, designing and constructing in drawing. This is the first course in a three-course sequence.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Apply creative ways to solve problems using a variety of strategies for making drawings.
- Implement a basic vocabulary to be able to actively participate in a critical dialogue about drawing with others.
- Understand, interpret, and critically evaluate drawings of the past and the present from one's own and from different cultures to initiate a life long study of the diversity of perspectives of the human experience.
- Employ perceptual and conceptual skills to develop greater sensitivity and awareness of the visual world through drawing.

Credits: 3

### ART 131B: Drawing I

Introduces intermediate drawing techniques and tools as well as the development of the language of drawing in historical and contemporary contexts. Promotes critical skills for sighting, measuring, designing and constructing in drawing. This is the second course in a three-course sequence.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Apply creative ways to solve problems using a variety of strategies for making drawings.
- Implement a basic vocabulary to be able to actively participate in a critical dialogue about drawing with others.
- Understand, interpret, and critically evaluate drawings of the past and the present from one's own and from different cultures to initiate a life long study of the diversity of perspectives of the human experience.
- Establish perceptual and conceptual skills to develop greater sensitivity and awareness of the visual world through drawing.

Credits: 3

Prerequisites:

[ART 131A](#)

Instructor permission also accepted.



### ART 131C: Drawing I

Builds upon intermediate drawing techniques and tools as well as the development of the language of drawing in historical and contemporary contexts. Applies critical skills for sighting, measuring, designing and constructing in drawing. This is the third course in a three-course sequence.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Apply creative ways to solve problems using a variety of strategies for making drawings.
- Implement a basic vocabulary to be able to actively participate in a critical dialogue about drawing with others.
- Understand, interpret, and critically evaluate drawings of the past and the present from one's own and from different cultures to initiate a life long study of the diversity of perspectives of the human experience.
- Expand perceptual and conceptual skills to develop greater sensitivity and awareness of the visual world through drawing.

Credits: 3

Prerequisites:

[ART 131B](#)

Instructor permission also accepted.

### ART 181A: Painting I

Explores basic studio painting techniques, materials, and concepts while addressing historical and contemporary issues. Introduces a conceptual framework for critical analysis along with basic art theory.

### Course Student Learning Outcomes

Through study of the painting discipline students will:

- Find and develop creative ways to solve problems using a variety of strategies for expressing visual ideas through the painting medium.
- Create personal works of art, which demonstrate an introductory level of understanding of the painting discipline, and the processes, materials, and techniques associated with creating 2-dimensional imagery with paint.
- Ask meaningful questions, identify ideas and issues, and develop a basic vocabulary to be able to actively participate in a critical dialogue about the painting discipline with others.
- Understand, interpret, and enjoy painting of the past and the present from different cultures to initiate a life-long process of expanding knowledge on the diversity of perspectives of the human experience.
- Develop a heightened awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of painting.
- Establish self-critiquing skills to develop autonomous expression through painting while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.

Credits: 3

### ART 181B: Painting I

Introduces intermediate studio painting techniques, materials, and concepts while addressing historical and contemporary issues. Promotes a conceptual framework for critical analysis along with basic art theory.

## Course Student Learning Outcomes

Through study of the painting discipline students will:

- Find and continue to develop creative ways to solve problems using a variety of strategies for expressing visual ideas through the painting medium.
- Create personal works of art, which demonstrate an expanding level of understanding of the painting discipline, and the processes and materials, and techniques associated with creating 2-dimensional imagery with paint.
- Ask meaningful questions, identify ideas and issues, and implement a basic vocabulary to be able to actively participate in a critical dialogue about the painting discipline with others.
- Understand, interpret, and enjoy painting of the past and the present from different cultures to continue a life-long process of expanding knowledge on the diversity of perspectives of the human experience.
- Experience a more heightened awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of painting.
- Employ self-critiquing skills to develop autonomous expression through painting while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.

Credits: 3

Prerequisites:

[ART 181A](#)

Instructor permission also accepted.

### ART 181C: Painting I

Elaborates on intermediate studio painting techniques, materials, and concepts while addressing historical and contemporary issues. Promotes a conceptual framework for critical analysis along with basic art theory.

## Course Student Learning Outcomes

Through study of the painting discipline students will:

- Find and continue to develop creative ways to solve problems using a variety of strategies for expressing visual ideas through the painting medium.
- Create personal works of art, which demonstrate an expanding level of understanding of the painting discipline, and the processes and materials, and techniques associated with creating 2-dimensional imagery with paint.
- Ask meaningful questions, identify ideas and issues, and implement a basic vocabulary to be able to actively participate in a critical dialogue about the painting discipline with others.
- Understand, interpret, and enjoy painting of the past and the present from different cultures to continue a life-long process of expanding knowledge on the diversity of perspectives of the human experience.
- Experience a more heightened awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of painting.
- Employ self-critiquing skills to develop autonomous expression through painting while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.

Credits: 3

Prerequisites:

[ART 181B](#)

Instructor permission also accepted.

### ART 197: Artist's Skills/Practical Issues

Professional practices relevant to emerging artists' careers. Workshop/lecture format includes resume and portfolio preparation, developing resources and community, gaining exposure and representation for artwork, creating publicity, basic marketing and exhibition strategies, presenting and installing art work, business concerns, art market dynamics, art collecting.

### Course Student Learning Outcomes

Students will:

- Participate in studio work sessions, field trips, class discussions, presentations, and critiques.
- Develop personal and/or professional mission statement.
- Compose professional artist resume.
- Compose professional artist's statement.
- Create and present (visual) document/portfolio of artwork with slides, PowerPoint presentation, web site, video, show or alternative methods.
- Compile, organize, assess and employ ongoing records of professional artist resources, skills, community, and business.
- Define, apply and document 10-20 hours of practical, art-related skills in the community through a Service Learning project, through internships in an arts related field or through personally defined projects.

Credits: 3

### ART 204: History of Western Art

Examines visual art and architecture as a reflection of human interaction with the socio-political and physical environment of a particular era. Focuses on viewing, analyzing and comparing many art forms in an historical context, and covers the Paleolithic, Ancient Near Eastern, and Aegean cultures, beginning about 30,000 BCE.

### Course Student Learning Outcomes

The student will:

- Appreciate art and architecture in general, and enjoy a life enriched by the exposure to and the understanding of personal and cultural achievement
- View works of art "dynamically:" that is, comprehend the uniqueness of a work, its origins and context within a specific cultural milieu, while also appreciating its potential influence on later art and artists
- Understand and value the art and architecture of the ancient world in all-encompassing ways and recognize the persisting influence of its styles and concepts on our current cultural environment

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### ART 205: History of Western Art

Examines visual art and architecture as a reflection of human interaction with the socio-political and physical environment. Focuses on viewing, analyzing and comparing many art forms in an historical context, and covers Late Antiquity, Early Christian and Medieval periods, beginning about 500 BCE.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Appreciate art and architecture in general, and enjoy a life enriched by the exposure to and the understanding of personal and cultural achievement
- Explore the development of styles and subject matter during the transition from the ancient world to modern times by placing individual works within a cultural and historical context while also making connections between earlier and later eras
- Understand and value art and architecture from the Ancient Roman world through the Gothic era and recognize the persisting influence of its styles and concepts on our current cultural environment

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### ART 206: History of Western Art

Examines visual art and architecture as a reflection of human interaction with the socio-political and physical environment. Focuses on viewing, analyzing and comparing many art forms in an historical context, and covers the Renaissance and Baroque periods, beginning about 1300 CE.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Appreciate art and architecture in general, and enjoy a life enriched by the exposure to and the understanding of personal and cultural achievement
- Recognize the ways in which the forms and ideas of Renaissance and Baroque art and architecture reflect and were shaped by their historical and cultural context
- Understand and value Renaissance and Baroque cultures in all-encompassing ways and recognize their persisting influence on our current cultural environment

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### ART 207: History of Asian Art (India)

Explores and analyzes the visual arts in relation to the culture of India from the Neolithic through the modern period.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Appreciate the art and architecture of India from the Neolithic through the modern period, and enjoy a life enriched by the exposure to and the understanding of personal and cultural achievement
- View works of art "dynamically," that is, to appreciate simultaneously the uniqueness of a work, its origins and precedent, its potential as an inspiration and influence on later art, and its relationship to a particular cultural moment
- Understand and value art and architecture from India in all-encompassing ways and recognize the persisting influence of its styles and concepts on our current cultural environment

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### ART 208: History of Asian Art (China)

Explores and analyzes the visual arts in relation to the culture of China from the Neolithic through the modern period.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Appreciate the art and architecture of China from the Neolithic through the modern period, and enjoy a life enriched by the exposure to and the understanding of personal and cultural achievement
- View works of art "dynamically," that is, to appreciate simultaneously the uniqueness of a work, its origins and precedent, its potential as an inspiration and influence on later art, and its relationship to a particular cultural moment
- Articulate the relationship between art from China and work produced by other cultures to understand and value art and architecture in all-encompassing ways, in this country and abroad

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### ART 209: History of Asian Art (Japan)

Explores and analyzes the visual arts in relation to the culture of Japan from the Neolithic through the modern period.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Appreciate the art and architecture of Japan from the Neolithic through the modern period and enjoy a life enriched by the exposure to and the understanding of personal and cultural achievement
- View works of art "dynamically," that is, to appreciate simultaneously the uniqueness of a work, its origins and precedent, its potential as an inspiration and influence on later art, and its relationship to a particular cultural moment
- Articulate the relationship between art from Japan and work produced by other cultures to understand and value art and architecture in all-encompassing ways, in this country and abroad

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### ART 210: Women in Art

Covers the work of women artists from antiquity to the present. Examines works of the most important women artists from each period in relation to the changing roles of women in society and to the canon of art history.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- recognize formal qualities in art and read visual elements, artistic and cultural styles, and symbols
- view works of art "dynamically," that is, to appreciate and communicate simultaneously individual viewer response, the uniqueness of a work, its origins and precedent, its potential as an inspiration and influence on later art, and its relationship to a particular cultural moment
- decipher content and meaning of works made by women artists through understanding of historical, social, cultural, economic, and political contexts
- use an understanding of feminist critique in art work and in the history of art to apply theoretical approaches of gender, race, and class to works of art made by women
- adapt theoretical approaches and course content to other art not covered in the course so that he/she can understand and value art made by women in all-encompassing global ways

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### ART 213: Modern Art History - Art Since 1945

Focuses attention on American art, as World War II ended the supremacy of Europe in the visual art world. Analyzes art since 1945 to explore the ideas behind it, to reveal our culture and values and to gain a greater understanding of contemporary art with its global perspective.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Develop an understanding of the cultural and political developments mirrored in modern and contemporary visual art forms
- View art of our times “dynamically,” that is, comprehend the uniqueness of a work, its origins and context within a specific cultural milieu, while also appreciating its relationship to art of the past
- Understand the effects of globalization and new media on how art is conceived and received in the modern era
- Recognize formal qualities in contemporary art and read visual elements, artistic and cultural styles, and symbols

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### ART 217: Comics Art & Literature

Examines comics art as a medium of visual narrative. Analyzes aesthetic qualities unique to comic books and graphic novels in artistic, historical, and literary contexts using seminal texts.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Use creative ways to appreciate comics art as an artistic and literary practice through exploration of the art form's diversity and narrative potential.
- Increase one's understanding of word/image relationships and visual communication.
- Ask meaningful questions, identify ideas and issues, and use a basic vocabulary to be able to actively participate in a critical dialogue about comics art with others.
- Understand and interpret relationships between comics and commercialism.
- Develop a heightened awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of understanding comics art.
- Practice self-critiquing skills to increase autonomous expression through comics art while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.

Credits: 3

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.



### ART 231A: Drawing II

Deepens basic perceptual drawing techniques and tools as well as the understanding of the language of drawing in historical and contemporary contexts. Further develops critical skills for sighting, measuring, designing and constructing in drawing. This is the first course in a three-course sequence.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Implement deeper creative strategies to solve problems in making drawings.
- Implement a developed vocabulary to be able to actively participate in a critical dialogue about drawing with others.
- Manifest autonomous expression through drawing while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.
- Employ perceptual and conceptual skills to develop a richer experience of the visual world.

Credits: 3

Prerequisites:

[ART 131C](#)

Instructor permission also accepted.

### ART 231B: Drawing II

Further deepens basic perceptual drawing techniques and tools as well as the understanding of the language of drawing in historical and contemporary contexts. Further develops critical skills for sighting, measuring, designing and constructing in drawing. This is the second course in a three-course sequence.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Implement deeper creative strategies to solve problems in making drawings.
- Implement a developed vocabulary to be able to actively participate in a critical dialogue about drawing with others.
- Manifest autonomous expression through drawing while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.
- Advance perceptual and conceptual skills to develop a richer experience of the visual world.

Credits: 3

Prerequisites:

[ART 231A](#)

Instructor permission also accepted.

### ART 231C: Drawing II

Further deepens intermediate perceptual drawing techniques and tools as well as the understanding of the language of drawing in historical and contemporary contexts. Further develops critical skills for sighting, measuring, designing and constructing in drawing. This is the third course in a three-course sequence

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Implement deeper creative strategies to solve problems in making drawings.
- Implement a developed vocabulary to be able to actively participate in a critical dialogue about drawing with others
- Manifest autonomous expression through drawing while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.
- Refine perceptual and conceptual skills to develop a richer experience of the visual world.

Credits: 3

Prerequisites:

[ART 231B](#)

Instructor permission also accepted.

### ART 237A: Life Drawing

Investigates drawing the human form through referencing professional models and applying various drawing processes and concepts. Develops understanding of the structure, form and proportions of the human figure in the context of composition, personal expression and an awareness of materials.

### Course Student Learning Outcomes

- Implement creative ways to solve visualization problems in drawing the human form using a variety of perceptual and conceptual strategies.
- Apply an introductory level of understanding of the proportions of the human figure and the relation of the figure to the compositional space through the processes, materials, and techniques associated with drawing.
- Participate with others in a critical dialogue about figure drawings from the past, the present, and from other cultures.
- Actualize personal expression and self-critical skills in figure drawing while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.
- Experience a heightened awareness of the physical world and the nature of the relationship of human beings to it via the experience of figure drawing

Credits: 3

### ART 237B: Life Drawing

Further investigates drawing the human form through referencing professional models and applying various drawing processes and concepts. Develops understanding of the structure, form and proportions of the human figure in the context of composition, personal expression and an awareness of materials.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Further implement creative ways to solve visualization problems in drawing the human form using a variety of perceptual and conceptual strategies.
- Apply an intermediate level of understanding of the proportions of the human figure and the relation of the figure to the compositional space through the processes, materials, and techniques associated with drawing.
- Participate with others in a critical dialogue about figure drawings from the past, the present, and from other cultures.
- Actualize personal expression and self-critical skills in figure drawing while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.
- Experience a heightened awareness of the physical world and the nature of the relationship of human beings to it via the experience of figure drawing.

Credits: 3

Prerequisites:

[ART 237A](#)

Instructor permission also accepted.

### ART 237C: Life Drawing

Further investigates drawing the human form through referencing professional models and applying various drawing processes and concepts. Develops intermediate understanding of the structure, form and proportions of the human figure in the context of composition, personal expression and an awareness of materials.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Further implement creative ways to solve visualization problems in drawing the human form using a variety of perceptual and conceptual strategies.
- Apply an expanded intermediate level of understanding of the proportions of the human figure and the relation of the figure to the compositional space through the processes, materials, and techniques associated with drawing.
- Participate with others in a critical dialogue about figure drawings from the past, the present, and from other cultures.
- Refine personal expression and self-critical skills in figure drawing while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.
- Experience a heightened awareness of the physical world and the nature of the relationship of human beings to it via the experience of figure drawing.

Credits: 3

Prerequisites:

[ART 237B](#)

Instructor permission also accepted.

### ART 253A: Ceramics I

Introduces beginning ceramic processes, techniques, and concepts while addressing historical and contemporary issues. Develop a beginning level of creative problem solving and kinetic skills with clay forming and finishing techniques, including hand building, wheel throwing, use of plaster molds, and surface treatments. Includes critiques, discussions, and presentations to establish critical skills necessary to evaluate ceramic works, explore artistic intent, examine aesthetic and structural solutions, and expand perceptual awareness. This is the first course of a three-course sequence.

### Course Student Learning Outcomes

Students will endeavor to do the following:

- Find and develop beginning level creative ways to solve problems using a variety of strategies for making ceramics.
- Creates personal works in clay, which demonstrate a beginning level of understanding of ceramic ideas, materials and techniques.
- Ask meaningful questions, identify ideas and issues, and develop a beginning level vocabulary to actively participate in a critical dialogue about ceramics with others.
- Experience and appreciate ceramics of the past and the present from different cultures in order to initiate a life- long process of expanding one's knowledge of the diversity of perspectives in the human experience.
- Develop, through the experience of making and studying ceramics, an awareness of the relationship of human beings to the physical world, and our positive and negative impact.
- Establish self-critiquing skills to develop autonomous expression in ceramics while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.

Credits: 3

### ART 253B: Ceramics I

Introduces beginning intermediate level ceramic processes, techniques, and concepts while addressing historical and contemporary issues. Develop a beginning intermediate level of creative problem solving and kinetic skills with clayforming and finishing techniques, including hand building, wheel throwing, use of plaster molds, and surface treatments. Includes critiques, discussions, and presentations to establish critical skills necessary to evaluate ceramic works, explore artistic intent, examine aesthetic and structural solutions, and expand perceptual awareness. This is the second course of a three-course sequence for first year ceramics.

### Course Student Learning Outcomes

Students will be able to:

- Explore and develop beginning intermediate level creative ways to solve ceramic process problems using a variety of strategies for making ceramics.
- Create personal works in clay, which demonstrate a beginning level of understanding of ceramic ideas, materials and techniques.
- Ask meaningful questions, identify ideas and issues, and be able to actively participate in a critical dialogue about ceramics with others using beginning intermediate level vocabulary.
- Evaluate and appreciate ceramics of the past and the present from different cultures to initiate a lifelong process of expanding knowledge on the diversity of perspectives in the human experience.
- Develop a heightened awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via and experience of making and studying ceramics.
- Employ self-critiquing skills to develop autonomous expression in ceramics while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.

Credits: 3

Prerequisites:

[ART 253A](#)

Instructor permission also accepted.

### ART 253C: Ceramics I

Introduces intermediate level ceramic processes, techniques, and concepts while addressing historical and contemporary issues. Develop an intermediate level of creative problem solving and kinetic skills with clay forming and finishing techniques, including hand building, wheel throwing, use of plaster molds, and surface treatments. Includes critiques, discussions, and presentations to exercise critical skills necessary to evaluate ceramic works, explore artistic intent, examine aesthetic and structural solutions, and expand perceptual awareness. Employs creative problem solving through implementing a variety of strategies. This is the third course of a three-course sequence for first year ceramics.

### Course Student Learning Outcomes

Students will be able to:

- Research and develop intermediate level creative ways to solve ceramic process problems using a variety of strategies for making ceramics.
- Create personal ceramic artwork, which demonstrates an intermediate level of ideas, processes, materials, and techniques associated with hand building and wheel throwing processes.
- Ask meaningful questions, identify ideas and issues, and be able to actively participate in a critical dialogue about ceramics with others using intermediate level vocabulary.
- Understand, interpret, and appreciate ceramics of the past and the present from different cultures to initiate a lifelong process of expanding knowledge on the diversity of perspectives in the human experience.
- Develop, through the experience of making and studying ceramics, an awareness of the relationship of human beings to the physical world, and our positive and negative impact.
- Employ self-critiquing skills to demonstrate autonomous expression in ceramics, while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.

Credits: 3

Prerequisites:

[ART 253B](#)

Instructor permission also accepted.

### ART 256A: Ceramics II

Introduces lower-advanced level ceramics processes, techniques, and concepts while addressing historical and contemporary issues. Develop a lower-advanced level of creative problem solving and kinetic skills with clay forming and finishing techniques, including hand building, wheel throwing, use of plaster molds, and surface treatments. Includes critiques, discussions, and presentations to establish critical skills necessary to evaluate ceramic works, explore artistic intent, examine aesthetic and structural solutions and expand perceptual awareness. This is the first course of a three-course sequence.

### Course Student Learning Outcomes

Students will be able to:

- Research and develop lower-advanced level creative ways to solve ceramic process problems using a variety of strategies for making ceramics.
- Create personal ceramic artwork, which demonstrates a lower-advanced level of ideas, processes, materials, and techniques associated with hand building and wheel throwing processes.
- Ask meaningful questions, identify ideas and issues, and be able to actively participate in a critical dialogue about ceramics with others using intermediate level vocabulary.
- Understand, interpret, and appreciate ceramics of the past and the present from different cultures to initiate a lifelong process of expanding knowledge on the diversity of perspectives in the human experience.
- Develop, through the experience of making and studying ceramics, an awareness of the relationship of human beings to the physical world, and our positive and negative impact.
- Employ self-critiquing skills to demonstrate autonomous expression in ceramics, while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.

Credits: 3

Prerequisites:

[ART 253C](#)

Instructor permission also accepted.

## ART 256B: Ceramics II

Introduces middle-advanced level ceramics processes, techniques, and concepts while addressing historical and contemporary issues. Develop a middle-advanced level of creative problem solving and kinetic skills with clay forming and finishing techniques, including hand building, wheel throwing, use of plaster molds, and surface treatments. Includes critiques, discussions, and presentations to establish critical skills necessary to evaluate ceramic works, explore artistic intent, examine aesthetic and structural solutions and expand perceptual awareness. This is the second course of a three-course sequence.

## Course Student Learning Outcomes

Students will be able to:

- Research and develop middle-advanced level creative ways to solve ceramic process problems using a variety of strategies for making ceramics.
- Create personal ceramic artwork, which demonstrates a middle advanced level of ideas, processes, materials, and techniques associated with hand building and wheel throwing processes.
- Ask meaningful questions, identify ideas and issues, and be able to actively participate in a critical dialogue about ceramics with others using middle-advanced level vocabulary.
- Understand, interpret, and appreciate ceramics of the past and the present from different cultures to initiate a lifelong process of expanding knowledge on the diversity of perspectives in the human experience.
- Develop, through the experience of making and studying ceramics, an awareness of the relationship of human beings to the physical world, and our positive and negative impact.
- Employ self-critiquing skills to demonstrate autonomous expression in ceramics, while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.
- Develop a somewhat cohesive body of artwork that is presentable to galleries, school programs, art organizations and to professional artists.

Credits: 3

Prerequisites:

[ART 256A](#)

Instructor permission also accepted.

## ART 256C: Ceramics II

Introduces advanced level ceramics processes, techniques, and concepts while addressing historical and contemporary issues. Develop an advanced level of creative problem solving and kinetic skills with clay forming and finishing techniques, including hand building, wheel throwing, use of plaster molds, and surface treatments. Includes critiques, discussions, and presentations to establish critical skills necessary to evaluate ceramic works, explore artistic intent, examine aesthetic and structural solutions and expand perceptual awareness. This is the third course of a three-course sequence.

## Course Student Learning Outcomes

Students will be able to:

- Research and develop advanced level creative ways to solve ceramic process problems using a variety of strategies for making ceramics.
- Create personal ceramic artwork, which demonstrates an advanced level of ideas, processes, materials, and techniques associated with hand building and wheel throwing processes.
- Ask meaningful questions, identify ideas and issues, and be able to actively participate in a critical dialogue about ceramics with others using advanced level vocabulary.
- Understand, interpret, and appreciate ceramics of the past and the present from different cultures to initiate a lifelong process of expanding knowledge on the diversity of perspectives in the human experience.
- Develop, through the experience of making and studying ceramics, an awareness of the relationship of human beings to the physical world, and our positive and negative impact.
- Employ self-critiquing skills to demonstrate autonomous expression in ceramics, while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.
- Develop a reasonably cohesive body of artwork that is presentable to galleries, school programs, art organizations and to professional artists.

Credits: 3

Prerequisites:

[ART 256B](#)

Instructor permission also accepted.

### ART 270A: Printmaking I

Introduces basic printmaking processes, techniques, and concepts while addressing historical and contemporary issues. Develops an introductory level of creative problem solving and terminology of monoprints, relief and basic intaglio processes. Includes critiques, discussions, and presentations to establish critical skills necessary to evaluate prints, explore artistic intent, examine aesthetic and structural solutions, and expand perceptual awareness. This is the first course of a three-course sequence.

### Course Student Learning Outcomes

Students will endeavor to do the following:

- Find and develop creative ways to solve problems using a variety of strategies for making prints by utilizing monoprints, relief and basic intaglio processes.
- Create personal hand-printed artwork, which demonstrate an introductory level of understanding printmaking ideas, and the processes, materials, and techniques associated with monoprints, relief and basic intaglio processes in printmaking.
- Ask meaningful questions, identify ideas and issues, and develop a basic vocabulary to be able to actively participate in a critical dialogue about printmaking with others.
- Understand, interpret, and enjoy prints of the past and the present from different cultures to initiate a lifelong process of expanding knowledge on the diversity of perspectives of the human experience.
- Develop a heightened awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of making prints.
- Establish self-critiquing skills to develop autonomous expression through printmaking while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.

Credits: 3

### ART 270B: Printmaking I

Introduces intermediate beginning printmaking processes, techniques, and concepts while addressing historical and contemporary issues. Includes terminology of monoprints, relief and some intermediate intaglio processes. Includes critiques, discussions, and presentations to establish critical skills necessary to evaluate prints, explore artistic intent, examine aesthetic and structural solutions, and expand perceptual awareness. Promotes creative problem solving by employing a variety of strategies. This is the second course of a three-course sequence for first year printmaking.

### Course Student Learning Outcomes

Students will be able to:

- Find and develop creative ways to solve printmaking problems using a variety of strategies for intermediate beginning monoprints, relief and intaglio processes.
- Create personal hand-printed artwork, which demonstrates an intermediate beginners level of printmaking ideas, processes, materials, and techniques associated with monoprints, relief and basic intaglio processes.
- Ask meaningful questions, identify ideas and issues, and be able to actively participate in a critical dialogue about printmaking with others using intermediate beginning level vocabulary.
- Understand, interpret, and enjoy prints of the past and the present from different cultures to initiate a lifelong process of expanding knowledge on the diversity of perspectives of the human experience.
- Develop a heightened awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of making prints.
- Employ self-critiquing skills to develop autonomous expression through printmaking while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.

Credits: 3

Prerequisites:

[ART 270A](#)

Instructor permission also accepted.

### ART 270C: Printmaking I

Explores intermediate printmaking processes, techniques, and concepts while addressing historical and contemporary issues. Includes terminology of monoprints, relief and intermediate intaglio processes. Includes critiques, discussions, and presentations to exercise critical skills necessary to evaluate prints, explore artistic intent, examine aesthetic and structural solutions, and expand perceptual awareness. Employs creative problem solving through implementing a variety of strategies. This is the third course of a three-course sequence for first year printmaking.

### Course Student Learning Outcomes

Students will be able to:

- Find and develop creative ways to solve printmaking problems using a variety of strategies for intermediate monoprints, relief and intaglio processes.
- Create personal hand-printed artwork, which demonstrates an intermediate level of printmaking ideas, processes, materials, and techniques associated with monoprints, relief and intaglio processes.
- Ask meaningful questions, identify ideas and issues, and be able to actively participate in a critical dialogue about printmaking with others using intermediate level vocabulary.
- Understand, interpret, and enjoy prints of the past and the present from different cultures to initiate a lifelong process of expanding knowledge on the diversity of perspectives of the human experience.
- Develop a heightened awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of making prints.
- Employ self-critiquing skills to demonstrate autonomous expression through printmaking while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.

Credits: 3

Prerequisites:

[ART 270B](#)

Instructor permission also accepted.

### ART 271A: Printmaking II

Introduces beginning advanced printmaking techniques (e.g. sugar lift, color, glazes) and other intaglio processes (e.g. folio sets and books) while addressing historical and contemporary issues. Develops creative problem solving by utilizing monotypes, color relief, and advanced intaglio processes to create a print. Includes critiques, discussions, and presentations to establish critical skills necessary to evaluate prints, explore artistic intent, examine aesthetic and structural solutions, and expand perceptual awareness. This is the first course of a three-course sequence.

### Course Student Learning Outcomes

- Find and develop creative ways to solve problems using a variety of strategies for making prints by utilizing beginning advanced monotypes, relief and intaglio and printmaking processes (e.g. sugar lift,color, chine colle, glazes).
- Create personal hand-printed artwork (e.g. folio sets, fine art books, and limited editioned prints), which demonstrate an understanding of a beginning advanced level of printmaking ideas, and the processes, materials, and techniques associated with monotypes, relief and advanced intaglio and printmaking processes.
- Ask meaningful questions, identify ideas and issues, and develop a beginning advanced vocabulary to be able to actively participate in a critical dialogue about printmaking with others.
- Understand, interpret, and enjoy prints of the past and the present from different cultures to initiate a lifelong process of expanding knowledge on the diversity of perspectives of the human experience.
- Establish self-critiquing skills to develop autonomous expression through printmaking while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.
- Understand the importance of working in a communal environment/studio.

Credits: 3

Prerequisites:

[ART 270C](#)

Instructor permission also accepted.



### ART 271B: Printmaking II

Explores intermediate advanced printmaking techniques (e.g. sugar lift, color, glazes) and complete a variety of projects (e.g. folio sets and books) while addressing historical and contemporary issues. Includes critiques, discussions, and presentations to establish critical skills necessary to evaluate prints, explore artistic intent, examine aesthetic and structural solutions, and expand perceptual awareness.

### Course Student Learning Outcomes

- Find and develop creative ways to solve printmaking problems using a variety of strategies for intermediate advanced monoprints, relief and intaglio processes.
- Create personal hand-printed artwork, which demonstrates an intermediate advanced level of printmaking ideas, processes, materials, and techniques associated with monoprints, relief and basic intaglio processes.
- Ask meaningful questions, identify ideas and issues, and be able to actively participate in a critical dialogue about printmaking with others using intermediate advanced level vocabulary.
- Understand, interpret, and enjoy prints of the past and the present from different cultures to initiate a lifelong process of expanding knowledge on the diversity of perspectives of the human experience.
- Develop a heightened awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of making prints.
- Employ self-critiquing skills to develop autonomous expression through printmaking while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.

Credits: 3

Prerequisites:

[ART 271A](#)

Instructor permission also accepted.

### ART 271C: Printmaking II

Further explores advanced printmaking techniques (e.g. sugar lift, color, glazes) and complete a variety of projects (e.g. folio sets and books) while addressing historical and contemporary issues. Includes critiques, discussions, and presentations to establish critical skills necessary to evaluate prints, explore artistic intent, examine aesthetic and structural solutions, and expand perceptual awareness.

### Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Find and develop creative ways to solve printmaking problems using a variety of strategies for advanced monoprints, relief and intaglio processes.
- Create personal hand-printed artwork, which demonstrates an advanced level of printmaking ideas, processes, materials, and techniques associated with monoprints, relief and basic intaglio processes.
- Ask meaningful questions, identify ideas and issues, and be able to actively participate in a critical dialogue about printmaking with others using advanced level vocabulary.
- Understand, interpret, and enjoy prints of the past and the present from different cultures to initiate a lifelong process of expanding knowledge on the diversity of perspectives of the human experience.
- Develop a heightened awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of making prints.
- Employ self-critiquing skills to develop autonomous expression through printmaking while recognizing the standards and definitions already established by both contemporary and historical works of art from different cultures.

Credits: 3

Prerequisites:

[ART 271B](#)

Instructor permission also accepted.

### ART 277A: Life Painting

Examines the human form through the study and painting of live professional models. Applies various painting techniques and concepts as students learn the structure, form and proportions of the human figure. Emphasizes personal artistic development with attention to compositional organization.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Solve basic problems creatively using a variety of acquired strategies for expressing visual ideas through the figure painting medium.
- Create personal works of art, which demonstrate a basic understanding of the figure painting discipline, and the processes, materials, and techniques associated it.
- Ask meaningful questions, identify topical issues, and employ an basic art vocabulary in critical dialogue about the figure painting discipline.
- Appreciate figure painting from different cultures, facilitating a life-long engagement with the diversity of perspectives of the human experience.
- Enjoy a basic awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of figure painting.
- Acquire self-critiquing skills en route to autonomous expression through figure painting with respect to the standards established in contemporary and historical works of art.

Credits: 3

### ART 277B: Life Painting

Examines the human form through the study and painting of live professional models. Applies various painting techniques and concepts as students learn the structure, form and proportions of the human figure. Emphasizes personal artistic development with attention to compositional organization.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Solve more complex problems creatively using a variety of acquired strategies for expressing visual ideas through the figure painting medium.
- Create personal works of art, which demonstrate an expanded understanding of the figure painting discipline, and the processes, materials, and techniques associated it.
- Ask meaningful questions, identify topical issues, and employ an intermediate level art vocabulary in critical dialogue about the figure painting discipline.
- Understand and appreciate figure painting from different cultures, facilitating a life-long engagement with the diversity of perspectives of the human experience.
- Enjoy a growing awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of figure painting.
- Employ self-critiquing skills en route to autonomous expression through figure painting with respect to the standards established in contemporary and historical works of art.

Credits: 3

Prerequisites:

[ART 277A](#)

Instructor permission also accepted.

### ART 277C: Life Painting

Examines the human form through the study and painting of live professional models. Applies more advanced painting techniques and concepts as students learn the structure, form and proportions of the human figure. Emphasizes personal artistic development with attention to compositional organization and conceptual framework.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Master complex problems creatively using a variety of acquired strategies for expressing visual ideas through the figure painting medium.
- Create personal works of art, which demonstrate a thorough understanding of the figure painting discipline, and the processes, materials, and techniques associated it.
- Ask meaningful questions, identify topical issues, and employ a knowledgeable art vocabulary in critical dialogue about the figure painting discipline.
- Understand, interpret, and appreciate figure painting from different cultures, facilitating a life-long engagement with the diversity of perspectives of the human experience.
- Enjoy a strong awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of figure painting.
- Expand self-critiquing skills en route to autonomous expression through figure painting with respect to the standards established in contemporary and historical works of art.

Credits: 3

Prerequisites:

[ART 277B](#)

Instructor permission also accepted.

### ART 279A: Experimental Media

Begins ways of seeing and creating work that acknowledges personal artistic intentions. Examines various 2-D, 3-D, and 4-D media and processes used to develop and encourage creative problem solving. Establishes critical skills necessary to evaluate art through critiques, discussions, and artistic presentation. Investigates artistic intent, aesthetic and structural solutions, and perceptual awareness.

Recommended: an introduction to art, art history or a sense of curiosity and a willingness to experiment.

## Course Student Learning Outcomes

- Adapt introductory level understanding of ideas, materials, and techniques associated with the nature of experimental media beyond traditional media.
- Use a basic vocabulary of art that actively participates with others in critical dialogue about 2-D, 3-D and 4-D experimental media and processes.
- Interpret and enjoy experimental art from the past, present and from different cultures to understand diverse perspectives of the human experience.
- Apply the experience of using experimental art to heightened awareness of the needs of our physical world, the nature of human relationships and our impact on an ever changing world.
- Identify self-critiquing skills for autonomous artistic expression through experimental media and processes while recognizing the standards already established in the art world.

Credits: 3

### ART 279B: Experimental Media

Expands intermediate ways of seeing and creating work that acknowledges personal artistic intentions. Examines various 2-D, 3-D, and 4-D media and processes used to develop and encourage creative problem solving. Establishes critical skills necessary to evaluate art through critiques, discussions, and artistic presentation. Develops artistic intent, aesthetic and structural solutions, and perceptual awareness.

Recommended: an introduction to art, art history or a sense of curiosity and a willingness to experiment.

### Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Develop intermediate level understanding of ideas, materials, and techniques associated with the nature of experimental media beyond traditional media.
- Use expanded vocabulary of art that actively participates with others in critical dialogue about 2-D, 3-D and 4-D experimental media and processes.
- Interpret and enjoy experimental art from the past, present and from different cultures to understand diverse perspectives of the human experience.
- Build upon the experience of using experimental art to heightened awareness of the needs of our physical world, the nature of human relationships and our impact on an ever-changing world.
- Develop self-critiquing skills for autonomous artistic expression through experimental media and processes while recognizing the standards already established in the art world.

Credits: 3

Prerequisites:

[ART 279A](#)

Instructor permission also accepted.

### ART 279C: Experimental Media

Advances ways of seeing and creating work that acknowledges personal artistic intentions. Examines various 2-D, 3-D, and 4-D media and processes used to develop and encourage creative problem solving. Establishes critical skills necessary to evaluate art through critiques, discussions, and artistic presentation. Employs artistic intent, aesthetic and structural solutions, and perceptual awareness.

Recommended: an introduction to art, art history or a sense of curiosity and a willingness to experiment.

### Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Develop advanced level understanding of ideas, materials, and techniques associated with the nature of experimental media beyond traditional media.
- Use vocabulary of art that actively participates with others in critical dialogue about 2-D, 3-D and 4-D experimental media and processes.
- Interpret and enjoy experimental art from the past, present and from different cultures to understand diverse perspectives of the human experience.
- Implement the experience of using experimental art to heightened awareness of the needs of our physical world, the nature of human relationships and our impact on an ever-changing world.
- Evaluate self-critiquing skills for autonomous artistic expression through experimental media and processes while recognizing the standards already established in the art world.

Credits: 3

Prerequisites:

[ART 279B](#)

Instructor permission also accepted.

### ART 281A: Painting II

Explores ways of seeing and elaborates on intermediate painting techniques, materials, and concepts while relating to historical and contemporary issues. Presents a conceptual framework for critical analysis along with basic art theory.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Solve increasingly complex aesthetic problems creatively, using strategies for expressing visual ideas through the painting medium.
- Create personal works of art, which demonstrate an intermediate knowledge of the painting discipline, and the processes, materials, and techniques associated with it.
- Ask meaningful questions, identify topical issues, and employ an expanded vocabulary in critical dialogue about the painting discipline.
- Understand, interpret, and appreciate painting from different cultures, facilitating increased engagement with the diversity of perspectives in the human experience.
- Enjoy a more sophisticated awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of painting.
- Implement increased self-critiquing skills en route to autonomous expression through painting with respect to the standards established in contemporary and historical works of art.

Credits: 3

Prerequisites:

[ART 181C](#)

Instructor permission also accepted.

### ART 281B: Painting II

Explores ways of seeing and elaborates on intermediate painting techniques, materials, and concepts while relating to historical and contemporary issues. Presents a conceptual framework for critical analysis along with basic art theory.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Solve increasingly complex aesthetic problems creatively, using complex strategies for expressing visual ideas through the painting medium.
- Create personal works of art, which demonstrate a strong understanding of the painting discipline, and the processes, materials, and techniques associated with it.
- Ask meaningful questions, identify topical issues, and employ an expanded vocabulary in critical dialogue about the painting discipline.
- Understand, interpret, and appreciate painting from different cultures, facilitating increased engagement with the diversity of perspectives in the human experience.
- Enjoy a more sophisticated awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of painting.
- Implement advanced self-critiquing skills en route to autonomous expression through painting with respect to the standards established in contemporary and historical works of art.

Credits: 3

Prerequisites:

[ART 281A](#)

Instructor permission also accepted.

### ART 281C: Painting II

Expands ways of seeing and elaborates on intermediate painting techniques, materials, and concepts while relating to historical and contemporary issues. Presents a conceptual framework for critical analysis along with basic art theory.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Master increasingly complex aesthetic problems creatively, using complex strategies for expressing visual ideas through the painting medium.
- Create personal works of art, which demonstrate a thorough understanding of the painting discipline, and the processes, materials, and techniques associated with it.
- Ask meaningful questions, identify topical issues, and employ an expansive vocabulary in critical dialogue about the painting discipline.
- Understand, interpret, and appreciate painting from different cultures, facilitating increased engagement with the diversity of perspectives in the human experience.
- Enjoy a sophisticated awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of painting.
- Implement proficient self-critiquing skills en route to autonomous expression through painting with respect to the standards established in contemporary and historical works of art.

Credits: 3

Prerequisites:

[ART 281B](#)

Instructor permission also accepted.

### ART 284A: Water Media I

Explores basic studio watercolor painting techniques, materials, and concepts while addressing historical and contemporary issues to increase visual literacy. Presents a conceptual framework for critical analysis along with basic art theory.

### Course Student Learning Outcomes

- Learn to solve problems creatively using a variety of acquired strategies for expressing visual ideas through the watercolor painting medium.
- Create personal works of art, which demonstrate a basic understanding of the watercolor painting discipline, and the processes, materials, and techniques associated with it.
- Ask meaningful questions, identify topical issues, and employ a basic watercolor painting vocabulary in critical dialogue about the watercolor painting discipline.
- Begin to understand, interpret, and appreciate watercolor painting from different cultures, facilitating a life-long engagement with the diversity of perspectives in the human experience.
- Enjoy a heightened awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of watercolor painting.
- Implement self-critiquing skills en route to autonomous expression through watercolor painting with respect to the standards established in contemporary and historical works of art.

Credits: 3

### ART 284B: Water Media I

Expands studio watercolor painting techniques, materials, and concepts while addressing historical and contemporary issues to increase visual literacy. Presents a conceptual framework for critical analysis along with basic art theory.

### Course Student Learning Outcomes

- Develop solve problems creatively using a variety of acquired strategies for expressing visual ideas through the watercolor painting medium.
- Create personal works of art, which demonstrate a basic understanding of the watercolor painting discipline, and the processes, materials, and techniques associated with it.
- Expand meaningful questions, identify topical issues, and employ a basic watercolor painting vocabulary in critical dialogue about the watercolor painting discipline.
- Begin to understand, interpret, and appreciate watercolor painting from different cultures, facilitating a life-long engagement with the diversity of perspectives in the human experience.
- Enjoy a heightened awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of watercolor painting.
- Implement self-critiquing skills en route to autonomous expression through watercolor painting with respect to the standards established in contemporary and historical works of art.

Credits: 3

Prerequisites:

[ART 284A](#)

Instructor permission also accepted.

### ART 284C: Water Media I

Implements advanced studio watercolor painting techniques, materials, and concepts while addressing historical and contemporary issues to increase visual literacy. Presents a conceptual framework for critical analysis along with basic art theory.

### Course Student Learning Outcomes

- Further understanding to solve problems creatively using a variety of acquired strategies for expressing visual ideas through the watercolor painting medium.
- Create personal works of art, which demonstrate a basic understanding of the watercolor painting discipline, and the processes, materials, and techniques associated with it.
- Employs meaningful questions, identify topical issues, and employ a basic watercolor painting vocabulary in critical dialogue about the watercolor painting discipline.
- Begin to understand, interpret, and appreciate watercolor painting from different cultures, facilitating a life-long engagement with the diversity of perspectives in the human experience.
- Enjoy a heightened awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of watercolor painting.
- Implement self-critiquing skills en route to autonomous expression through watercolor painting with respect to the standards established in contemporary and historical works of art.

Credits: 3

Prerequisites:

[ART 284B](#)

Instructor permission also accepted.

### ART 287A: Water Media II

Explores intermediate and more advanced studio watercolor painting techniques, materials, and concepts while addressing historical and contemporary issues to increase visual literacy. Presents a conceptual framework for critical analysis along with advanced art theory.

### Course Student Learning Outcomes

- Solve more complex problems using additional strategies for expressing visual ideas through the Water Media painting medium.
- Create advanced personal works of art, which demonstrate an intermediate knowledge of the watercolor painting discipline, and the processes, materials, and techniques associated with Water Media.
- Ask meaningful questions, identify topical issues, and employ an expanding Water Media painting vocabulary in critical dialogue about the Water Media painting discipline.
- Understand, interpret, and enjoy water media painting from different cultures facilitating increased engagement with the diversity of perspectives in the human experience.
- Enjoy a more sophisticated awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of Water Media painting.
- Implement expanded self-critiquing skills en route to autonomous expression through Water Media painting with respect to the standards established in contemporary and historical works of art.

Credits: 3

Prerequisites:

[ART 284A](#)

Instructor permission also accepted.

### ART 287B: Water Media II

Explores intermediate and more advanced studio watercolor painting techniques, materials, and concepts while addressing historical and contemporary issues to increase visual literacy. Presents a conceptual framework for critical analysis along with advanced art theory.

### Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Solve more complex problems using additional strategies for expressing visual ideas through the Water Media painting medium.
- Create advanced personal works of art, which demonstrate an intermediate knowledge of the Water Media painting discipline, and the processes, materials, and techniques associated with.
- Ask meaningful questions, identify topical issues, and employ an expanding watercolor painting vocabulary in critical dialogue about the Water Media painting discipline.
- Utilize, interpret, and enjoy Water Media painting from different cultures facilitating increased engagement with the diversity of perspectives in the human experience.
- Enjoy a more sophisticated awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of Water Media painting.
- Implement expanded self-critiquing skills en route to autonomous expression through Water Media painting with respect to the standards established in contemporary and historical works of art.

Credits: 3

Prerequisites:

[ART 287A](#)

Instructor permission also accepted.



### ART 287C: Water Media II

Explores intermediate and more advanced studio Water Media painting techniques, materials, and concepts while addressing historical and contemporary issues to increase visual literacy. Presents a further understood conceptual framework for critical analysis along with advanced art theory.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Solve more complex problems using additional strategies for expressing visual ideas through the watercolor painting medium.
- Create personal works of art, which demonstrate a strong understanding of the painting discipline, and the processes, materials, and techniques associated with it. Create advanced personal works of art, which demonstrate an intermediate knowledge of the watercolor painting discipline, and the processes, materials, and techniques associated with it.
- Ask meaningful questions, identify topical issues, and employ an expanded water color painting vocabulary in critical dialogue about the watercolor painting discipline.
- Employ understand, interpret, and enjoy watercolor painting from different cultures facilitating increased engagement with the diversity of perspectives in the human experience.
- Enjoy a more sophisticated awareness of the physical world, the nature of the relationship of human beings to it, and our impact on it via the experience of watercolor painting.
- Implement expanded self-critiquing skills en route to autonomous expression through watercolor painting with respect to the standards established in contemporary and historical works of art.

Credits: 3

Prerequisites:

[ART 287B](#)

Instructor permission also accepted.

## Biology

### BI 101: Biology

Introduces the properties of life, morphology and physiology of cells, cell chemistry, energy transformation, and the basic principles of ecology. A laboratory science course designed for non-biology majors.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Apply knowledge of the structures and functions of biological molecules, cells, populations, communities and ecosystems, to solve interdisciplinary problems.
- Gather information, assess its validity, and differentiate factual information from opinion and pseudo-science by practicing methods used by biological scientists.
- Demonstrate an understanding and application of the self-correcting nature of science.
- At an emerging level, use quantitative reasoning to interpret patterns in the living world.
- Communicate informed positions on biological issues, using appropriate biological vocabulary.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### BI 102: Biology

Presents protein synthesis, cell division, genetics, reproduction and development, and evolution. Designed as a laboratory science course for non-biology majors. The second course of a three-course sequence.

### Course Student Learning Outcomes

Upon successful completion students will be able to:

- Apply the scientific method to topics including genetics, evolution and reproduction.
- Gather and organize information on current issues in genetics, evolution and reproduction, assess its validity, and differentiate factual information from opinion and pseudoscience.
- Apply concepts of genetics, evolution, and reproduction to novel problems, discern their meaning, and communicate their understanding to others.
- Develop informed positions or opinions of a responsible citizen on contemporary issues in genetics, evolution and reproduction.
- Apply course concepts in genetics, evolution and reproduction to their lives (personal and career) and to the world about them.

**Credits:** 4

**Prerequisites:**

[BI 101](#)

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### BI 103: Biology

Presents the evolutionary relationships among the kingdoms. Includes a comparison of biological systems across kingdoms. Designed as a laboratory science course for non-biology majors.

### Course Student Learning Outcomes

Upon successful completion students will be able to:

- Use classification and evolutionary relationships among taxa to identify strategies that organisms employ to sustain life.
- Communicate an understanding of biodiversity and conservation and its value to the student, to our society, and to the natural environment.
- Gather and apply knowledge of form and function to qualitatively and quantitatively explain how organisms live.
- Use laboratory experiences comparing species characteristics to organize an understanding of evolutionary relationships.
- Appreciate aesthetic value of living organisms in the natural world.
- Use scientific knowledge of body systems to critically evaluate experimental outcomes and apply them to human health and the environment.

**Credits:** 4

**Prerequisites:**

[BI 101](#)

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### BI 112: Cell Biology for Health Occupations

Includes the study of the scientific method, cellular chemistry, cell structure and function, principles of inheritance, and laboratory skills. Includes topics and skills required to continue to anatomy and physiology and microbiology.

## Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Use scientific vocabulary and apply the scientific method to critically evaluate current health issues in our society.
- Recall biological and chemical principles of cell function and apply that knowledge to health science topics.
- Build on the laboratory research experience to organize data and information in order to draw conclusions and identify new investigative paths.

Credits: 5

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 65](#)

[MTH 98](#)

Equivalent placement test scores also accepted. Either MTH 65 OR MTH 98 is accepted.

### BI 141: Habitats: Life of the Forest

Examines structure and function of Oregon forest ecosystems. Covers distribution and interactions of plants, animals, microorganisms, climate and basic geology. Laboratory emphasizes identification and environmental testing.

## Fieldwork Statement

Fieldwork is a professional competence in many areas of Biology. Standard field practices include measurements of abiotic and biotic components. Fieldwork includes use of all the senses to make observations in natural and built environments. Field training may include developing skills in site characterization, measurement and data collection, application of key terms and concepts, species identification, and observation. Certain protocols may require use of equipment, chemicals, and expensive gear. Field training is experiential often leading to unique sets of observations/data in particular locations. Fieldwork may include inherent risks (uneven terrain, off-trail work with map & compass, variable weather, insects, environmental irritants, travel, stress, etc.). Fieldwork can be physically challenging and may require overland travel on foot or unusual means to field points, carrying field equipment (as well as food, water, and safety equipment), taking measurements under duress (learning new protocols, requiring remaining in an unusual posture or position for a length of time, timing pressures for certain procedures, holding organisms, variable weather, etc.), survival skills, orienteering, and so on.

## Course Student Learning Outcomes

A student will collaboratively and independently:

- Use basic principles of ecosystems structure and function to characterize a specific forest.
- Identify and express how humans interact with the forest environment by applying basic principles of forest management.
- Work with a team to initialize and complete a study of the biology, chemistry and physical characteristics of a forest.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## BI 142: Habitats: Marine Biology

Examines marine environment and the ecology, physiology, and morphology of marine plants and animals, emphasizing Oregon. Laboratory focuses on identification and environmental testing.

### Fieldwork Statement

Fieldwork is a professional competence in many areas of Biology. Standard field practices include measurements of abiotic and biotic components. Fieldwork includes use of all the senses to make observations in natural and built environments. Field training may include developing skills in site characterization, measurement and data collection, application of key terms and concepts, species identification, and observation. Certain protocols may require use of equipment, chemicals, and expensive gear. Field training is experiential often leading to unique sets of observations/data in particular locations. Fieldwork may include inherent risks (uneven terrain, off-trail work with map & compass, variable weather, insects, environmental irritants, travel, stress, etc.). Fieldwork can be physically challenging and may require overland travel on foot or unusual means to field points, carrying field equipment (as well as food, water, and safety equipment), taking measurements under duress (learning new protocols, requiring remaining in an unusual posture or position for a length of time, timing pressures for certain procedures, holding organisms, variable weather, etc.), survival skills, orienteering, and so on.

## Course Student Learning Outcomes

A student will collaboratively and independently:

- Use basic ecosystem principles, identify and understand the biology of various marine phyla to characterize marine habitats.
- Use scientific techniques to quantitatively describe parameters of marine habitats and understand the relationship of physical parameters to distribution of biota.
- Use an understanding of research, laboratory and/or field experiences to organize data to illustrate and articulate basic ecological principles.
- Use critical thinking to evaluate human impacts on marine ecosystems and consider how local consumer and policy decisions can be informed by an understanding of the interconnectedness of marine habitats and the critical relationship of the sea to human cultures.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### BI 143: Habitats: Fresh Water Biology

Covers environments of freshwater streams, lakes, and marshes. Includes effects of physical and chemical factors on organisms, along with the organisms, their biological interactions and nutrient cycles. Explores ecological factors of freshwater environments and the effects of human activities on them.

#### Fieldwork Statement

Fieldwork is a professional competence in many areas of Biology. Standard field practices include measurements of abiotic and biotic components. Fieldwork includes use of all the senses to make observations in natural and built environments. Field training may include developing skills in site characterization, measurement and data collection, application of key terms and concepts, species identification, and observation. Certain protocols may require use of equipment, chemicals, and expensive gear. Field training is experiential often leading to unique sets of observations/data in particular locations. Fieldwork may include inherent risks (uneven terrain, off-trail work with map & compass, variable weather, insects, environmental irritants, travel, stress, etc.). Fieldwork can be physically challenging and may require overland travel on foot or unusual means to field points, carrying field equipment (as well as food, water, and safety equipment), taking measurements under duress (learning new protocols, requiring remaining in an unusual posture or position for a length of time, timing pressures for certain procedures, holding organisms, variable weather, etc.), survival skills, orienteering, and so on.

### Course Student Learning Outcomes

A student will collaboratively and independently:

- Use basic principles of ecosystems structure and function to characterize freshwater habitats.
- Identify and express how humans interact with the freshwater ecosystems by applying basic principles of environmental management.
- Identify and understand the biology of the various freshwater phyla.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### BI 211: Principles of Biology 1

Includes introduction to science, biochemistry, metabolism, the cell, molecular biology, and reproduction. The first course of a three-course sequence for students majoring in biology and other sciences, including premedical, pre-dental, and related fields.

#### Addendum to Course Description

To clarify the teaching of evolution and its place in the classroom, Oregon Coast Community College affirms the following statements about what qualifies as science and how the theory of evolution is the major organizing theory within biology:

- Science is a non-dogmatic and self-correcting investigatory process. In science, a theory is neither a guess, dogma, nor myth. Instead, theories are explanations for natural phenomena based on a preponderance of evidence. Theories developed through scientific investigation are not decided in advance but can be and often are revised through observation and experimentation.
- The theory of evolution meets the criteria of a scientific theory. In contrast, 'creation science', 'intelligent design' or similar designations are neither self-examining nor investigatory. 'Creation science' is not considered a legitimate science, but instead a form of religious advocacy and pseudoscience. This position is established by legal precedence (*Webster v. New Lenox School District* #122, 917 F. 2d 1004).
- Teaching evolution is a necessary foundational framework for understanding biology because it explains the unity and diversity of life past and present. Evolution is not a controversial topic in the scientific community because it is overwhelmingly supported by scientific evidence.

Biology instructors of Oregon Coast Community College will teach the theory of evolution not as absolute truth but as the most widely accepted scientific theory on the diversity and unity of life. Furthermore, they will stand with such organizations as the National Association of Biology Teachers in opposing the teaching of pseudo-sciences.

### Course Student Learning Outcomes

Students will be able to:

- Apply biological theories and concepts from biochemistry and cell biology to novel problems in their lives and community (personal, work, and career).
- Use the scientific method, including experimental design, data collection, and presentations of results and conclusions while analyzing their individual thinking and learning styles and how their styles can be integrated with methods used in science.
- Assess the strengths and weaknesses of scientific studies in biochemistry and cell biology and critically examine the influence of scientific and technical knowledge of biochemistry and cell biology on human society and the environment.
- Develop informed positions and opinions on contemporary issues in biochemistry and cell biology, while considering ethical, scientific, community, and cultural implications.
- Communicate concepts in biochemistry and cell biology using appropriate terminology in both written and verbal forms.

**Credits:** 5

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 95](#)

[CH 151](#)

CH 151 or higher can be accepted as the prerequisite, or the student can pass the Chemistry 151 competency exam or get instructor permission. MTH 95 or higher.

## **BI 212: Principles of Biology 2**

Includes inheritance, the genetic code, modern and classical genetics, evolution, diversity, and systematics. May include some dissection of plants and animals. The second course in a three-course sequence for students majoring in biology and other sciences, including pre-medical, pre-dental, and related fields.

### **Addendum to Course Description**

To clarify the teaching of evolution and its place in the classroom, Oregon Coast Community College affirms the following statements about what qualifies as science and how the theory of evolution is the major organizing theory within biology:

- Science is a non-dogmatic and self-correcting investigatory process. In science, a theory is neither a guess, dogma, nor myth. Instead, theories are explanations for natural phenomena based on a preponderance of evidence. Theories developed through scientific investigation are not decided in advance but can be and often are revised through observation and experimentation.
- The theory of evolution meets the criteria of a scientific theory. In contrast, "creation science", "intelligent design" or similar designations are neither self-examining nor investigatory. "Creation science" is not considered a legitimate science, but instead a form of religious advocacy and pseudoscience. This position is established by legal precedence (*Webster v. New Lenox School District* #122, 917 F. 2d 1004).
- Teaching evolution is a necessary foundational framework for understanding biology because it explains the unity and diversity of life past and present. Evolution is not a controversial topic in the scientific community because it is overwhelmingly supported by scientific evidence.

Biology instructors of Oregon Coast Community College will teach the theory of evolution not as absolute truth but as the most widely accepted scientific theory on the diversity and unity of life. Furthermore, they will stand with such organizations as the National Association of Biology Teachers in opposing the teaching of pseudo-sciences.

## **Course Student Learning Outcomes**

students will be able to:

- apply biological theories and concepts to novel problems in genetics, evolution, and systematics;
- assess the strengths and weaknesses of scientific studies in genetics, evolution, and systematics and critically examine the influence of scientific and technical knowledge of genetics, evolution, and systematics on human society and the environment.
- apply concepts from genetics, evolution, and systematics to their lives and community (personal, work, and career);
- develop informed positions and opinions on contemporary issues in genetics, evolution, and systematics, while considering ethical, scientific, community, and cultural implications;
- communicate concepts in genetics, evolution, and systematics using appropriate terminology in both written and verbal forms.

Credits: 5

Prerequisites:

BI 211

### BI 213: Principles of Biology 3

Includes plant and animal anatomy and physiology, and individual, population, community and ecosystem ecology. The third course of a three-course sequence for students majoring in biology and other sciences, including pre-medical, pre-dental, and related fields.

#### Addendum to Course Description

To clarify the teaching of evolution and its place in the classroom, Oregon Coast Community College affirms the following statements about what qualifies as science and how the theory of evolution is the major organizing theory within biology:

- Science is a non-dogmatic and self-correcting investigatory process. In science, a theory is neither a guess, dogma, nor myth. Instead, theories are explanations for natural phenomena based on a preponderance of evidence. Theories developed through scientific investigation are not decided in advance but can be and often are revised through observation and experimentation.
- The theory of evolution meets the criteria of a scientific theory. In contrast, "creation science", "intelligent design" or similar designations are neither self-examining nor investigatory. "Creation science" is not considered a legitimate science, but instead a form of religious advocacy and pseudoscience. This position is established by legal precedence (Webster v. New Lenox School District #122, 917 F. 2d 1004).
- Teaching evolution is a necessary foundational framework for understanding biology because it explains the unity and diversity of life past and present. Evolution is not a controversial topic in the scientific community because it is overwhelmingly supported by scientific evidence.

Biology instructors of Oregon Coast Community College will teach the theory of evolution not as absolute truth but as the most widely accepted scientific theory on the diversity and unity of life. Furthermore, they will stand with such organizations as the National Association of Biology Teachers in opposing the teaching of pseudo-sciences.

### Course Student Learning Outcomes

Upon successful completion students will be able to:

- apply biological theories and concepts to novel problems in plant/animal anatomy and physiology and ecology;
- assess the strengths and weaknesses of scientific studies in plant/animal anatomy and physiology and ecology and critically examine the influence of scientific and technical knowledge of plant/animal anatomy and physiology and ecology on human society and the environment.
- apply concepts from plant/animal anatomy and physiology and ecology to their lives and community (personal, work, and career);
- develop informed positions and opinions on contemporary issues in plant/animal anatomy and physiology and ecology, while considering ethical, scientific, community, and cultural implications;
- communicate concepts in plant/animal anatomy and physiology and ecology using appropriate terminology in both written and verbal forms.

**Credits:** 5

**Prerequisites:**

[BI 212](#)

### **BI 231: Human Anatomy & Physiology I**

Introduces basic anatomical and physiological terms, tissues, the integumentary, skeletal, muscular and nervous systems including nervous histology, physiology, spinal cord and nerves. Includes lecture discussions complemented by laboratories involving microscopy, animal dissection, physiological exercises and computer based exercises. This is the first course in a three-course sequence.

### **Course Student Learning Outcomes**

Upon successful completion students will be able to:

- Work collaboratively, competently and ethically within a team of other health care professionals in subsequent clinical and academic programs in allied health sciences.
- Apply concepts and knowledge of general anatomical terminology, gross anatomy, physiology, histology and terminology related to the integument, muscular, skeletal and nervous systems (histology, physiology, spinal cord and nerves) toward clinical problem solving.
- Critically evaluate health articles and medical journals related to anatomy and physiology and contextualize the knowledge into the realm of public health and broader social issues.
- Effectively evaluate case studies in anatomy and physiology through verbal, written and/or multimedia means.
- Continually develop scientific reasoning and the ability to interpret patient data through the collection of clinical and physiological parameters.
- Use correct terminology to communicate anatomical features and physiological processes.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 65](#)

[BI 112](#)

[BI 211](#)

[BI 212](#)

Equivalent placement test scores also accepted. BI 112 or (BI 211 and BI 212) may be accepted.



### BI 232: Human Anatomy & Physiology II

Continues the study of the nervous system, including brain, cranial nerves, and autonomic nervous system. Introduces the endocrine, cardiovascular and immune systems. Includes lecture discussions complemented by laboratories involving microscopy, animal dissection, physiological exercises and computer based exercises. This is the second course in a three-course sequence.

### Course Student Learning Outcomes

Upon successful completion students will be able to:

- Work collaboratively, competently and ethically within a team of other health care professionals in subsequent clinical and academic programs in allied health sciences.
- Apply concepts and knowledge of terminology related to the nervous, endocrine, cardiovascular and immune systems toward clinical problem solving.
- Critically evaluate health articles and medical journals related to anatomy and physiology and contextualize the knowledge into the realm of public health and broader social issues.
- Effectively evaluate case studies in anatomy and physiology through verbal, written and/or multimedia means.
- Continually develop scientific reasoning and the ability to interpret patient data through the collection of clinical and physiological parameters.
- Use correct terminology to communicate anatomical features and physiological processes.

Credits: 4

Prerequisites:

[BI 231](#)

### BI 233: Human Anatomy & Physiology III

Introduces the respiratory, digestive, urinary and reproductive systems, metabolism and fluid and electrolyte balances, embryology and genetics. Includes lecture discussions complemented by laboratories involving microscopy, animal dissection, physiological exercises and computer based exercises. Concludes a three-course sequence.

### Course Student Learning Outcomes

Upon successful completion students will be able to:

- Work collaboratively, competently and ethically within a team of other health care professionals in subsequent clinical and academic programs in allied health sciences.
- Apply concepts and knowledge of general terminology, gross anatomy, physiology, histology and terminology related to the respiratory, digestive, urinary and reproductive systems, metabolism and fluid and electrolyte balances; embryology and genetics toward clinical problem solving.
- Critically evaluate health articles and medical journals related to anatomy and physiology and contextualize the knowledge into the realm of public health and broader social issues.
- Effectively evaluate case studies in anatomy and physiology through verbal, written and/or multimedia means.
- Continually develop scientific reasoning and the ability to interpret patient data through the collection of clinical and physiological parameters.
- Use correct terminology to communicate anatomical features and physiological processes.

Credits: 4

Prerequisites:

[BI 232](#)

### BI 234: Microbiology

Lecture, recitation, and laboratory cover: bacterial identification, morphology, metabolism and genetics; bacterial, viral, and parasitic relationships with human health and disease; and basic immunology. Laboratory stresses aseptic technique, bacterial identification and physiology using a variety of media, culturing techniques, and staining techniques.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Relate an understanding of the basic principles of microbiology to personal health and use this understanding to make informed personal and professional decisions.
- Use an understanding of the impact of microbes on human cultures around the world both historically and in the present day to evaluate current social health issues.
- Use scientific methods to quantitatively describe microbial characteristics and processes and understand their relationship to the identification of microbial species.
- Use an understanding of research and laboratory experiences to organize, evaluate, and present data and information to illustrate and articulate basic microbiology concepts.

Credits: 5

Prerequisites:

[BI 112](#)

[BI 211](#)

[BI 212](#)

BI 112 or (BI 211 and BI 212) may be accepted.

### BI 298: Independent Study

Provides an opportunity for students to work independently on an advanced individualized area of study within biology under the sponsorship and guidance of a biology faculty member.

## Fieldwork Statement

Fieldwork is a professional competence in many areas of Biology. Standard field practices include measurements of abiotic and biotic components. Fieldwork includes use of all the senses to make observations in natural and built environments. Field training may include developing skills in site characterization, measurement and data collection, application of key terms and concepts, species identification, and observation. Certain protocols may require use of equipment, chemicals, and expensive gear. Field training is experiential often leading to unique sets of observations/data in particular locations. Fieldwork may include inherent risks (uneven terrain, off-trail work with map & compass, variable weather, insects, environmental irritants, travel, stress, etc.). Fieldwork can be physically challenging and may require overland travel on foot or unusual means to field points, carrying field equipment (as well as food, water, and safety equipment), taking measurements under duress (learning new protocols, requiring remaining in an unusual posture or position for a length of time, timing pressures for certain procedures, holding organisms, variable weather, etc.), survival skills, orienteering, and so on.

## Course Student Learning Outcomes

- Meet the outcomes mutually agreed upon by the student and instructor for this independent study course that expand upon topics covered in previous biology courses taken.
- Successfully transfer and perform at a four-year college or university or other program of interest to the student.
- Apply the scientific method and biological concepts in novel settings for lifelong learning.

Credits: 1-4

Prerequisites:

Instructor permission required.

# Business Administration

Oregon Coast Community College offers an associate degree and career pathway certificates within Business Administration. The two-year degree emphasizes skills to be used on the job upon completion of the degree requirements and are not designed for students intending to transfer to four- year schools. If transferability of courses is a concern, students should consult with the institution of their choice regarding transfer possibilities. State- approved Career Pathway Certificates vary in length but are designed to be completed in less than one year. These certificates help students attain skills for targeted entry-level jobs in specific areas of accounting.

Due to the rapid changes in employment opportunities, technological advances and certifying agency regulations, Business programs are subject to change. Students must meet OCCC's writing and math competencies prior to graduation. Additional requirements for individual business courses are listed in the Course Description section of this catalog.

## BA 101: Introduction to Business

Survey course in the field of business including topics such as management, finance accounting, marketing, production, computers, international business, small business, investments and other areas of general business interest.

Introduction to Business is designed to expose the interested student to many functions of modern business. The course shows the student how these functions exist in a changing society and the type of decisions which must be made within that environment. The course is also designed to expose the student to the multitude of career fields in the areas of business. The importance of business in the modern society is also stressed throughout the course.

Topics such as business environment, management, organization, marketing, finance, accounting, and data processing are discussed in an introductory manner. Credits will be acceptable as required and/or elective for Business Administration and Business Technology Certificate or Degree Programs.

This course is not designed to provide for entry level employment or job upgrading except to provide background knowledge of business.

## Course Student Learning Outcomes

Upon successful completion of BA 101, the student will be able to:

- Demonstrate an understanding of the forces that shape the business and economic structure of the United States of America.
- Demonstrate an understanding of the major functions of business including Management, Accounting/Finance, Marketing, Investments, and Information Technology.
- Explain why business ethics is an integral part of every business organization.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **BA 111: Introduction to Accounting**

Presents double-entry accounting as related to service and merchandising business. Covers accounting cycle, including journalizing, posting to the general ledger, preparation of financial statements, petty cash, bank reconciliations, combined journal, special journals and payroll.

This is an introductory course targeted at students that have had no prior accounting. The emphasis is on the analytical skills and procedures needed by business and accounting students, as well as those with financial record-keeping responsibilities in their current job.

An understanding of accounting is necessary to examine the performance and financial health of business. For this reason, accounting is often referred to as the 'language of business'. This course is the ideal way for students to acquire a valuable skill as well as begin to develop an appreciation of the role of accounting in the assessment and management of a business. Accordingly, it is recommended as a preliminary course both for students interested in business generally, and for those planning a career in accounting.

### **Course Student Learning Outcomes**

Upon successful completion of BA 111, the student will be able to:

- Explain the conceptual foundation of the double-entry accounting model
- Demonstrate a basic understanding of the steps in the accounting cycle
- Apply knowledge of accounting procedures to rudimentary financial record-keeping requirements of a business
- Communicate effectively using basic accounting terminology

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **BA 131: Introduction to Business Technology**

Covers computer concepts and the use of information technology in business organizations including the use of word processing, spreadsheet, and presentation software. Includes introduction to hardware, software, databases, system development, and tools that businesses use for communication and collaboration. Includes appreciating the value of ethical conduct in a business/computer environment and the impact of technology on industry and society.

### **Course Student Learning Outcomes**

Upon successful completion, students should be able to:

- Apply an understanding of how organizations utilize computer and communications technology to collect, process, and store data and information.
- Apply technology to support business planning, operations, marketing, strategy, and decision-making
- Use word processing, spreadsheet, and presentation software in the business environment.
- Apply critical thinking skills to ethics, environmental responsibility, and privacy issues associated with information technology use in business and society.
- Analyze how businesses use the Internet, social media, and technology to connect with customers and employees, market and deliver their products, and create competitive advantage.
- Apply an understanding of the rapidly changing technological environment to make business decisions.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### BA 177: Payroll Accounting

Learn fundamental skills and basic knowledge in the area of business payroll. The focus of the course is primarily in the following areas: payroll and personnel record keeping, calculation of gross pay using various methods, calculation of Social Security and Medicare taxes, calculation of federal and state income taxes, calculation of federal and state unemployment taxes, journalizing and posting payroll entries, and completing various federal and state forms.

Students will prepare a business payroll in both a manual and computer format. Fundamentals of payroll accounting will be learned. Major topics include: record keeping, wage calculation, federal and state regulations and how they impact business, and payroll journalizing. A manual and a computer based payroll project are assigned. This course is a requirement for the Associate of Applied Science in Accounting.

### Course Student Learning Outcomes

Upon successful completion of Payroll accounting, the student will be able to:

- Demonstrate an understanding of the basic payroll accounting function and tasks.
- Prepare payroll reports containing gross taxable compensations, common withholdings, net pay amounts, and do the related accounting for an unsophisticated employer.
- Prepare many routine reports and forms.
- For an unsophisticated payroll system, be able to determine the employer's taxes to be paid and understand how payments are made.

**Credits:** 3

**Prerequisites:**

[BA 111](#)

[BA 211](#)

Either

### BA 203: Introduction to International Business

Explores processes of international trade, whether the company is an importer, exporter, or a multinational firm. Forms a basis for further study and specialization in the international business field.

In the Introduction to International Business Course, students will gain an understanding of the institutions, environments, forces, and problems that are involved when businesses operate in foreign economies. Its primary emphasis will be the dynamics of Business.

### Course Student Learning Outcomes

- Communicate effectively using basic international business vocabulary enabling them to successfully follow and engage in higher-level international business courses.
- Fully comprehend basic concepts of international business that will facilitate employment in entry-level positions in international trade and commerce.
- Identify major governmental and non-governmental sources of information and import / export assistance and apply that knowledge through development of research reports tied to global business activity and country-specific business conditions.
- Identify sources of information on cultural and business practice differences between countries enabling students to prepare themselves to do business with foreign nationals from those countries or brief other business managers on proper protocols for conducting business in those countries.
- Use concepts of global business management as outlined in Domain 1 of the NASBITE Certified Global Business Professional Practice Delineation in order to successfully respond to questions specific to the global business management knowledge portion of the NASBITE Certified Global Business Professional exam.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

**BA 205: Business Communication Using Technology**

Focuses on using current technology to create, revise, and design business documents: letters, memos, e-mail, reports, minutes, simple instructions, and resumes. Incorporates the use of library and Internet resources to collect information. Includes oral presentations using technology presentation tools.

**Course Student Learning Outcomes**

Upon completion of this course students will be able to

- Communicate personal and organizational information using standard business document formats and business presentation techniques and tools.
- Research, write, and edit business documents using on-line and library resources and business software applications common to the contemporary business environment.
- Identify and select appropriate technology, including social media and mobile computing, for business communication needs based on the message and audience.
- Work collaboratively with teams to communicate business information in a project environment.
- Create a resume and cover letter.
- Work cooperatively with business employees with diverse cultural backgrounds.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

**BA 206: Management Fundamentals**

Introduces business management theory, including the basic functions of planning, organizing, directing, leading, and controlling as well as factors contributing to change in current management approaches.

**Course Student Learning Outcomes**

Upon successful completion of Management Fundamentals, the student will be able to:

- Demonstrate an understanding of the overall role and importance of the management function.
- Demonstrate an understanding of the management process.
- Communicate effectively using standard business terminology.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### BA 207: Introduction to E-Commerce

Presents concepts and skills for the strategic use of e-commerce and related information technology from three perspectives: business to consumers, business-to-business, and intra-organizational. Examination of e-commerce in altering the structure of entire industries, and how it affects business processes including electronic transactions, supply chains, decision making and organizational performance.

The phenomenal growth in the last few years of the Internet and its related technologies has created new ways of communicating and trading. The most obvious effects of this change appear negligible; there are easier and less costly ways of doing the things we would do anyway. Overtime, however the cumulative effect of these changes has had a significant effect, such as the impact of e-commerce on business transactions. Entire supply chains are being re-engineered, as are the industries that participate in them.

### Course Student Learning Outcomes

Upon successful completion of BA 207, Introduction to E-Commerce, the student will be able to:

- Demonstrate an understanding of the foundations and importance of E-commerce
- Demonstrate an understanding of retailing in E-commerce by:
  - analyzing branding and pricing strategies,
  - using and determining the effectiveness of market research
  - assessing the effects of disintermediation.
- Analyze the impact of E-commerce on business models and strategy
- Describe Internet trading relationships including Business to Consumer, Business-to-Business, Intra-organizational.
- Describe the infrastructure for E-commerce
- Describe the key features of Internet, Intranets and Extranets and explain how they relate to each other.
- Discuss legal issues and privacy in E-Commerce
- Assess electronic payment systems
- Recognize and discuss global E-commerce issues

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### BA 208: Introduction to Nonprofits & Philanthropy

Surveys the role of the nonprofit and voluntary organizations in American society including the history, theory and challenges of the third sector. Includes the Students4Giving service learning project where students serve as philanthropists to their local community.

### Course Student Learning Outcomes

- Apply their knowledge of the nonprofit sector and its interrelationships with government and business to frame their perspectives on social issues.
- Respond appropriately to basic legal, governing and ethical issues faced by nonprofit organizations.
- Critically evaluate factors impacting the efficiency and effectiveness of nonprofit organizations around them.
- Appreciate the diversity of social issues served by the nonprofit community.
- Participate in civil society using various tools including philanthropy, volunteer service or nonprofit employment.
- Respond appropriately to issues and potential conflicts involving international work performed by American nonprofits.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### BA 209: Introduction to Grant Writing

Covers identifying and evaluating appropriate funding sources, developing community relationships, and crafting successful funding proposals. Develops skills and knowledge necessary to prepare a competitive grant application.

### Course Student Learning Outcomes

Upon successful completion of this course, students will be able to:

- Compile a proposal needs assessment.
- Identify and evaluate the potential funding sources most appropriate for a nonprofit organization's goals and objectives.
- Build community relationships necessary for the support of a proposal.
- Write grant proposals including effective documentation and statistics.
- Respond appropriately to requirements of accepted grant proposals.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### BA 211: Principles of Accounting I

Presents financial accounting concepts and the use of accounting information in decision making. Includes an overview of the accounting cycle.

### Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Use the accounting cycle to develop financial statements from business transactions.
- Analyze basic business economic events to determine their effect on accounts and financial statements.
- Interpret and analyze financial statements to aid in decision making.
- Demonstrate a basic understanding of the principles of internal control and apply them to relatively straight-forward situations to identify strengths and weaknesses.
- Interpret and analyze accrual and cash flow information presented in accounts.
- Analyze issues relating to inventory, receivables, long-lived assets, liabilities and stockholder's equity and recommend appropriate accounting treatment.
- Describe basic generally accepted accounting principles.

**Credits:** 4

**Prerequisites:**

[MTH 95](#)

[BA 101](#)

Equivalent placement test scores also accepted.



### **BA 213: Managerial Accounting**

Demonstrates the use of accounting information to meet organization goals. Methods of extracting accounting information for decision making, management of resources, planning, and product and service costing are covered.

## **Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Explain the interrelationship of the accounting systems to all areas of business and business decision making.
- Understand cost behavior and predict break-even points.
- Recognize the components and processes related to various cost accounting systems.
- Analyze the performance of the organization and organizational sub-units.
- Use the budgeting process to prepare budgets and pro forma financial statements.
- Utilize the time-value-of-money concept to analyze capital investment projects.

**Credits:** 4

**Prerequisites:**

[BA 211](#)

### **BA 218: Personal Finance**

Explores the role of the consumer in our economy, problems of financing family and individual needs, including budgeting, banking relationships, borrowing, insurance, risk management, real estate, investing, portfolio management, retirement and personal taxes.

Personal Finance is designed to expose the interested student to many functions of personal finance. The course provides the students with information that can be used to develop an overall financial plan and an understanding of critical areas where decisions should be made.

Topics such as the economy, budgeting, taxes, shopping, real estate, credit, retirement and estate planning are discussed in an introductory manner.

## **Course Student Learning Outcomes**

Upon successful completion of Personal Finance, the student will be able to:

- Use a framework for financial planning to understand the overall role finances play in his/her personal life.
- Apply financial principles to demonstrate sound, practical decision-making in personal financial situations.
- Communicate effectively in dealing with personal business matters.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **BA 222: Financial Management**

Covers basic financial concepts and practices and includes analysis of company resources, types and sources of financing, forecasting and planning methods, and the roles of the money and capital markets.

Finance Management is designed to expose the student to the financial issues of determining the monetary resources needed by a business, the mix of these resources, the sources and uses of funds, the benefits, risks and costs associated with different types of resources and financing.

### **Course Student Learning Outcomes**

Upon successful completion of Financial Management, the student will be able to:

- Demonstrate an understanding of the overall role and importance of the finance function.
- Demonstrate basic finance management knowledge.
- Communicate effectively using standard business terminology.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **BA 223: Principles of Marketing**

Provides a general knowledge of marketing emphasizing marketing mix elements and target markets for consumer and industrial products, marketing strategies, customer behavior, market planning and promotion.

### **Course Student Learning Outcomes**

Upon successful completion of Principles of Marketing, students will be able to:

- Use an understanding of marketing and the market driven enterprise to differentiate market-driven enterprises from non market-driven enterprises in a market economy as a foundation for future course work and employer selection.
- Identify some of the basic approaches to formulating a marketing strategy in order to participate effectively when working with marketing policy coordinators.
- Identify key stages of the market planning process in order to create marketing plans through development of key sections common to most plans, as well as execution of rudimentary primary and secondary research.
- Use knowledge of elements of the marketing mix and the functional disciplines of marketing such as research and marketing communications in order to guide future course selections.
- Use understanding of both the product and marketing lifecycle including professional roles and responsibilities within that lifecycle to guide marketing career selection and to correctly identify key stakeholders in the business workplace.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **BA 224: Human Resource Management**

Covers human behavior, employment, employee development, performance appraisal, wage and salary administration, employment and job rights, discipline and due process, and labor-management relations.

### **Course Student Learning Outcomes**

Upon successful completion of the course, students will be able to:

- Understand and apply key human resource management perspectives.
- Strengthen organizational effectiveness by applying job description, human resource planning, recruiting and selection factors that meet company human resources requirements.
- Understand and apply various aspects of motivation as they relate to job satisfaction, compensation, and security.
- Incorporate and articulate effective methods of training and developing employees.
- Comply with current federal and state regulations pertaining to employment.
- Articulate and apply human resource strategies to facilitate improved employee-management relations.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **BA 226: Business Law I**

Discusses fundamental concepts, principles, and rules of law that apply to business transactions. Includes the function and operation of the courts, business crimes, torts, contract law, intellectual property, the application of the Uniform Commercial Code to business activities and recent developments in business law, such as cyberlaw and electronic commerce.

Business Law is designed to expose the student to the American Legal System and its affect on business activities. The course provides the student information about the difference between trial courts and appellate courts, public law and private law, civil law and criminal law. Other topics will include: legal procedure, tort law, computer and intellectual law, business crimes, contract law, and sales of goods. This course is applicable as elective credit toward an Associate degree and may be transferable to a four year institution.

### **Course Student Learning Outcomes**

Upon successful completion of Business Law I the student will be able to:

- Demonstrate an understanding of the Legal Environment of Business.
- Apply basic legal knowledge to business transactions.
- Communicate effectively using standard business and legal terminology.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **BA 228: Computer Accounting Applications**

Introduces double-entry, fully integrated computerized general ledger software. Topics include general ledger, accounts receivable, accounts payable, payroll, fixed assets, bank reconciliations, and inventory.

### **Course Student Learning Outcomes**

Upon successful completion of Computerized Accounting Applications, the student will be able to:

- Demonstrate an understanding of accounting theory.
- Apply accounting procedures using microcomputer software.
- Communicate effectively using standard accounting terminology.
- Demonstrate an understanding of accounting reports and records.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **BA 234: International Marketing**

Covers nature and concepts of international marketing including techniques for identifying potential markets and assessing uncontrollable elements such as economic, political and sociocultural environmental factors. International marketing strategies related to product/service, pricing, promotion and distribution are examined.

### **Course Student Learning Outcomes**

- Communicate effectively using basic international business vocabulary enabling them to successfully follow and engage in higher-level international business courses.
- Identify issues in marketing unique to the global business environment in order to facilitate employment in entry-level positions in international trade and commerce.
- Identify major governmental and non-governmental sources of information and import / export assistance and apply that knowledge through development of marketing plans tied to global business activity and country-specific business conditions.
- Develop basic workflow for international market planning and identify major components of a marketing plan such that they will be able to participate in entry-level support activities in a marketing department of a globally oriented business.
- Identify sources of information on cultural and business practice differences between countries enabling students to prepare themselves to do business with foreign nationals from those countries or brief other business managers on proper protocols for conducting business in those countries.
- Use concepts of global marketing as outlined in Domain 2 of the NASBITE Certified Global Business Professional Practice Delineation in order to respond to questions specific to the global business management knowledge portion of the NASBITE Certified Global Business Professional exam.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **BA 235: Social Media Marketing**

Covers the use of social networks and emerging media in marketing and the role of social media in developing corporate, institutional or brand identity.

Due to the nature of the course, all students will be required to access and use social media for course completion both for research purposes and for exploration of communication options within social media networks. Protection of privacy and the legal ramifications of social network use is a significant topic of this course and will be stressed throughout the class duration.

### **Course Student Learning Outcomes**

Upon successful completion, students should be able to:

- Write a social media marketing plan for a new or existing product.
- Identify primary social media channels used by corporations and analyze the function of each channel in order to participate in channel decisions and discussions within marketing teams.
- Use terminology related to use of social media in a marketing context.
- Develop both proactive and reactive strategies to manage corporate messaging in a social media environment.
- Identify and respond to significant legal and ethical issues related to social media including laws and voluntary agreements covering protection of individual information protection.
- Use understanding of privacy and data integrity issues associated with social media to identify both personal and institutional data privacy threats and maintain both personal and institutional data integrity.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **BA 238: Sales**

Offers a blend of practicality and theory on industrial, commercial and retail sales. Demonstrates and practices basic sales techniques, explores communication and motivation as they relate to selling and examine the function of sales relative to the total marketing program.

### **Course Student Learning Outcomes**

- Define and explain selling.
- Understand the psychology of selling
- To develop selling skills that involve prospecting, planning, presenting, handling objectives, closing, follow-up, and servicing customers after the sale.
- To familiarize students with current issues and certain situations that may be different from the norm.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

**BA 239: Advertising**

Covers the basics of planning, creating, using, and placing advertising in the business world. Reviews entire field of advertising as basis for students who select advertising as a career or as an integral part of a marketing program.

Advertising is designed to expose the interested student to the many aspects and functions of advertising. The course provides information about the history of advertising, commission schedules used in the advertising industry, the organization of a typical advertising agency, how an advertisement is created, and media coverage.

**Course Student Learning Outcomes**

Upon successful completion of Advertising, the student will be able to:

- Demonstrate an understanding of the overall role advertising plays in the business world.
- Demonstrate an understanding of advertising strategies and budgets.
- Identify and understand the various advertising media.
- Demonstrate an understanding of how an advertising agency operates.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

**BA 240: Nonprofit Financial Management and Accounting**

Develops conceptual foundation underlying the financial management and accounting procedures, records and statements for non-profit organizations.

**Course Student Learning Outcomes**

Upon successful completion of Nonprofit Accounting and Finance, the student will be able to:

- Apply key concepts of fiscal management, policies and internal controls in an entry-level accounting position with a nonprofit entity.
- Apply basic concepts of budgeting and fund accounting as they relate to nonprofit entities.
- Communicate effectively through the preparation and interpretation of nonprofit financial reporting.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **BA 242: Introduction to Investments**

Covers popular investment vehicles--what they are, how they can be utilized and the risk and return possibilities. Emphasizes stocks and bonds, mutual funds, options and real estate. Examines securities exchanges and the functions of the broker.

Introduction to Investments is designed to expose the student to the financial world of investments. The course provides the student information about primary and secondary markets, the various exchanges and the OTC market. It covers margin trading and short selling, as well as options. Where and how to find security information will be covered. In real estate the student will be exposed to commercial investments, such as apartments.

### **Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Apply the principles of investing including the concepts of risk and return.
- Demonstrate an understanding of the major investment vehicles.
- Communicate effectively using basic terminology associated with the investment environment.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 60](#)

Equivalent placement test scores also accepted.

### **BA 249: Principles of Retailing and E-tailing**

Covers analyzing target market, developing retail marketing mix elements, and reviewing store planning techniques used by retailers. Includes discussions of changing retailing environment and impact of government regulations.

### **Course Student Learning Outcomes**

Upon successful completion of the course, students will be able to:

- Use their understanding of the history of retailing to inform development of contemporary retail strategy.
- Articulate and implement industry standard approaches to the site selection, store planning, and visual merchandising.
- Develop a merchandise plan and budget.
- Understand and apply the promotional elements of retailing.
- Identify the environmental factors that impact retailing and develop short and long-term plans to address existing and emerging issues.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### BA 250: Small Business Management

Designed for students and prospective small business owners and managers. It emphasizes the general functions, procedures, and specific subject areas related to initiating, organizing, and operating a successful small business. It specifically prepares the student to develop a business plan for opening a business.

Small Business Management provides the background concepts and practices necessary for a successful owner and/or manager. The student will be made aware of the importance and the functions of such things as: marketing surveys, marketing targets, financing, choosing a form of legal organization, managing the risk involved in operating a small business, and focusing on customers through products, price, promotion, and placement.

### Course Student Learning Outcomes

Upon successful completion of Small Business, the student will be able to:

- Demonstrate an understanding of the importance of small business in the economy.
- Prepare a comprehensive Business Plan.
- Analyze a financial statement and plan.
- Choose a legal form of business.
- Demonstrate an understanding of the tax implications of a small business

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### BA 255: Project Management - Business Environments

Showcases the evolving interpretation of project management by providing practical information useful to project managers from all disciplines. Discussion topics will include: integration, scope, time, cost, quality, human resource management, communication, risk, and procurement management. Project management is a broad term that can include many areas of a business.

Project Management has become an academic discipline, a management function, a way of thinking, and a language with its own jargon. Project managers have become the chameleons of companies. The position requires managers to have the ability to juggle “hard” and “soft” skills as they orchestrate projects in departmental communities. Furthermore, PM’s are being requested to interface with internal and external clients to manage change, conflict, and motivation for project acceptance. This course will blend theoretical concepts, industry tested instruction, and practical application to ready students for project management positions.

### Course Student Learning Outcomes

- Use the five stages of the project management process as supported by the PMP model
- Implement the primary soft skills of Appreciative Inquiry, conflict management, and the Balanced Scorecard.
- Showcase the basic mapping of a Project Charter, SOW, WBS, CP, and EVA
- Apply the core elements of Project Management which include scope, quality, risk, and procurement management.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.



### **BA 256: Income Tax**

Introduces preparation of federal individual and sole proprietorship income tax returns. Provides brief overview of partnership and corporate returns.

This course is designed to introduce students to the Federal tax system for individuals and businesses. Students will learn how to complete basic schedules and forms, including the W-2, W-3, and W-4 forms.

## **Course Student Learning Outcomes**

Upon successful completion of BA 256, the student will be able to:

- Demonstrate an understanding of how to complete a basic set of forms and schedules for an individual taxpayer
- Demonstrate a knowledge of current tax rules and regulations
- Calculate the correct amount of tax using tax tables and/or tax formulas provided by the government

**Credits:** 3

### **BA 260: Introduction to Entrepreneurship**

Focuses on the entrepreneurial phases associated with the start-up and management of small business. This course will teach future entrepreneurs and managers to recognize opportunities and to use effective entrepreneurial and small business management practices, including the evaluation of market conditions and new product feasibility, business plan creation and essentials, business implementation, and funding options.

**Addendum to the Course Description:** This course introduces the fundamentals of entrepreneurship, and exposes the student to the concepts, practice, and tools of the entrepreneurial world. Specifically, the course is designed to provide you with an understanding of the entrepreneurial process, that is, the process of taking an idea and finding a high-potential commercial opportunity, gathering resources such as talent and capital, and deciding how to sell and market the idea. A primary objective of this course is to encourage entrepreneurial thinking. Whether you simply want to learn more about entrepreneurship or whether you desire to launch an actual venture, this course will expose you to the tools you need to be more effective in the entrepreneurial process.

## **Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Demonstrate knowledge of what it takes to be a successful entrepreneur.
- Analyze new business opportunities that exist in the marketplace.
- Evaluate the feasibility of pursuing an opportunity that you've recognized.
- Put together a successful new venture.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **BA 277: Professional Ethics in Business**

Introduces ethics as an ongoing conversation about human relationships in business. Integrates ethics across all parts of business, including finance, accounting, and organizational behavior. Explores understanding how choices and actions affect themselves and others in business settings. Provides a framework for identifying, analyzing, and resolving ethical dilemmas encountered throughout working life.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Apply contemporary ethical standards in relation to corporate social responsibility and the triple bottom line to make effective and ethical on-the-job decisions.
- Use the stakeholder model in decision making for approaching ethical issues in the workplace.
- Demonstrate the codes of conduct and statements of values found in a profession and/or business setting.
- Recognize and evaluate the ethical demands encountered by management in a global business environment and distinguish between multicultural ethics, etiquette, and behavior.
- Apply analytical thinking to business ethics problem solving.

**Credits:** 4

**Prerequisites:**

[BA 101](#)

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **BA 278: Eco-Innovation and Social Entrepreneurship**

Introduces the social, economic and environmental pillars of sustainability, and social entrepreneurship within the business environment with a focus on global, domestic and internal business methods, practices and policies. Investigates sustainable business, social innovation and intrapreneurship evolution and trends. Includes opportunities to interact with local social entrepreneurs, analyze initiatives, and develop market-based solutions to social problems. Examines individual and corporate decision-making and best practices. Includes team projects and a community-based service learning experience.

### **Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Understand the fundamental definitions and concepts of environmental sustainability, social entrepreneurship and intrapreneurism.
- Analyze claims about sustainable business and social entrepreneurial practices and policies critically.
- Develop and apply systems-thinking, writing, and analytical skills effectively in the workplace.

Sustainability-focused Learning Outcomes from the SPARC Council

- 4. Critically examine the complex and interconnected relationship between human economic behavior and the environment through a lens of sustainability and “the triple bottom line” (people, planet, profit).
- 5. Build an awareness of the impacts of environmental sustainability issues and policies on communities of diverse backgrounds, on the local, regional, national and international level, in order to interact with sensitivity, respect and a sense of responsibility to others and to the future.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

**BA 280A: Cooperative Education: Business Experience**

Offers relevant field experience in business environments in one of the following areas: bookkeeping, marketing, management, international business, advertising, banking, purchasing, investment, finance and customer services (sales or credit services). Allows exploration of career options. Course may be repeated for credit up to 12 credits.

**Course Student Learning Outcomes**

Upon completion of the training, students shall have the ability to:

- Work in the business field.
- Obtain further training in their selected field.
- Write learning objectives for their subsequent field experience plan.
- Have a better understanding of the skills and demands of their chosen field.
- Further explore the career field of their choice.
- Apply the job skills they acquired to help them become more employable.

**Credits:** 1-6

**Prerequisites:**

Completion of 12 BA credits and instructor permission.

**Co-Requisites:**

[BA 280B](#)

**BA 280B: Cooperative Education: Business Experience - Seminar**

Supplements on-the-job experience through feedback sessions, instruction in job-related areas, and linkages to the student's on-campus program.

Provides classroom, lecture and assignment activities coordinated with work experience activities. The seminar supplements the on-the-job experience through feedback sessions, instruction in job-related areas and linkages to the student's on-campus program.

Seminar is in discussion format. It coordinates the on-the-job training to provide insight into various issues related to the student's job performance.

**Credits:** 1

**Prerequisites:**

Department permission required.

**Co-Requisites:**

[BA 280A](#)

**BA 285: Human Relations-Organizations**

Explores interactions in organizations by examining human perceptions, communications, small group dynamics and leadership. Includes dynamics of change, cultural diversity, substance abuse, work stress, ethics and social responsibility, and the challenges of globalization.

**Course Student Learning Outcomes**

Upon successful completion, students will be able to:

- Use an understanding of self-esteem development and motivation to facilitate increased organizational productivity.
- Use professional and industry appropriate communication skills with employees, co-workers and customers to improve organizational effectiveness and resolve conflict in a diverse workplace.
- Identify different types of work teams and incorporate this knowledge into effective project delegation.
- Apply the tenets of effective leadership and different leadership styles to strengthen an organization.
- Incorporate and articulate the stages of personal change and models of organizational change to more effectively implement organizational goals.
- Identify and apply organizational standards of health, ethics, social responsibility, and globalization to facilitate sustainable growth and success of the organization.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### BA 290: Basic Income Tax Preparation

Covers elements of basic tax preparation. Meets the statutory educational requirements for those wishing to be licensed income tax preparers in Oregon.

### Course Student Learning Outcomes

Upon successful completion, students will be able to:

- Use knowledge of the I.R.S. tax code to prepare individual federal tax returns.
- Identify and apply appropriate exclusions on an individual tax return.
- Identify and apply savings determined by legitimate tax deductions, credits and depreciation.
- Understand and apply knowledge to calculate tax owed on individual returns.
- Follow the tenets of Oregon's tax law to prepare Oregon state tax returns.
- Fulfill the 80 hour requirement for the Oregon Tax Preparers exam.

Credits: 8

## Chemistry

### CH 151: Preparatory Chemistry

Introduces basic chemical principles and computational problems found in General Chemistry with a concentration on developing both analytical and reasoning skills via problem solving. Prepares students wanting to take the CH 221-3 General Chemistry series that have no chemical background or have not taken a college or high school chemistry course in the last 3 years.

There is also the CH 151 Competency Exam to opt-out of the course.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Demonstrate an emerging ability to use effective written and/or oral communication through the application of preparatory chemical concepts and reasoning using the language of chemistry.
- Demonstrate an emerging understanding of how preparatory chemistry impacts the natural and technological environments.
- Demonstrate an emerging ability to use detailed data collection, analysis and collaborative skills in order to explore preparatory chemical principles, critically evaluate models and information, draw conclusions and communicate results.
- Demonstrate an emerging understanding of chemical principles and collaborative skills to effectively solve problems encountered in preparatory chemistry using appropriate computational and reasoning skills.

Credits: 5

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 95](#)

Equivalent placement test scores also.

### CH 221: General Chemistry I

Explores measurements, properties of matter, nomenclature, atomic theory, chemical periodicity, and chemical bonding. Recommended for the following majors and pre-professional degrees: chemistry, natural science, engineering, medicine and dentistry. This is the first course in a three course sequence.

Chemistry 221 is the first of a three term chemistry sequence designed to provide a year of general chemistry to science majors (5 credits/term). It will meet transfer school requirements for such science majors as: chemistry, physics, chemical engineering, pre-medicine, and other pre-professional programs. The class consists of lecture and laboratory. The lecture time is used to provide the student with foundational chemical concepts and mathematical applications to chemistry. The laboratory re-enforces concepts presented in lecture and provides the student a hands-on opportunity to explore these.

### Course Student Learning Outcomes

Upon completion of this course the students should be able to:

- Demonstrate a basic ability to use effective written and/or oral communication through the application of general chemistry concepts and reasoning using the language of chemistry.
- Demonstrate an emerging understanding of how general chemistry impacts the natural and technological environments.
- Demonstrate a basic ability to use detailed data collection, analysis and collaborative skills in order to explore general chemical principles, critically evaluate models and information, draw conclusions and communicate results in the context of the material covered in General Chemistry I.
- Demonstrate an emerging understanding of chemical principles and collaborative skills to effectively solve problems encountered in general chemistry using appropriate computational and reasoning skills.

Credits: 5

Prerequisites:

[MTH 111](#)

[WR 115](#)

[RD 115](#)

[CH 151](#)

Equivalent placement test scores also and CH 151 Competency Exam also accepted.

### CH 222: General Chemistry II

Explores stoichiometry; chemical reactions and equations; thermo chemistry; physical states of matter including properties of gases, liquids, solids and solutions; and chemical kinetics. Introduces organic chemistry. This is the second course in a three course sequence.

Chemistry 222 is the second of a three terms, 15-credit hour (5 hours/term), chemistry sequence designed to provide a year of general chemistry to science majors. It will meet transfer school requirements for such science majors as: chemistry, physics, chemical engineering, pre-medicine, and other pre-professional programs. The class consists of lecture, and laboratory. The lecture time is used to provide the student with basic chemical concepts and mathematical applications to chemistry. The laboratory re-enforces concepts presented in lecture and provides the student a hands-on opportunity to explore these.

### Course Student Learning Outcomes

Upon completion of this course the student should be able to:

- Demonstrate a basic ability to use effective written and/or oral communication through the application of general chemistry concepts and reasoning using the language of chemistry.
- Demonstrate an emerging understanding of how general chemistry impacts the natural and technological environments.
- Demonstrate a basic ability to use detailed data collection, analysis and collaborative skills in order to explore general chemical principles, critically evaluate models and information, draw conclusions and communicate results in the context of the material covered in General Chemistry II.
- Demonstrate an emerging understanding of chemical principles and collaborative skills to effectively solve problems encountered in general chemistry using appropriate computational and reasoning skills.

Credits: 5

Prerequisites:

[CH 221](#)

### CH 223: General Chemistry III

Explores acid-base chemistry, ionic equilibria; electrochemistry; nuclear chemistry; thermodynamics; and descriptive chemistry topics. Includes special topics as time and interest allow.

Special topics will be included as time and interest allows. Special topics may include: acid rain, bioenergetics industrial processes, kinetics of cellular metabolism, alternative fuels and the use of elements in nature and industry. Recommended for chemistry and other natural science majors, pre-professional majors in engineering, medicine and dentistry. Chemistry 223 is the third of a three terms, 15-credit hour (5 hours/term), chemistry sequence designed to provide a year of general chemistry to science majors. It will meet transfer school requirements for such science majors as: chemistry, physics, chemical engineering, pre-medicine, and other pre-professional programs. The class consists of lecture and laboratory. The lecture time is used to provide the student with basic chemical concepts and mathematical applications to chemistry. The laboratory re-enforces concepts presented in lecture and provides the student a hands-on opportunity to explore these.

### Course Student Learning Outcomes

Upon completion of this course the student should be able to:

- Demonstrate an intermediate ability to use effective written and/or oral communication through the application of general chemistry concepts and reasoning using the language of chemistry.
- Demonstrate a basic understanding of how general chemistry impacts the natural and technological environments.
- Demonstrate an intermediate ability to use detailed data collection, analysis and collaborative skills in order to explore general chemical principles, critically evaluate models and information, draw conclusions and communicate results in the context of the material covered in General Chemistry III.
- Demonstrate a basic understanding of chemical principles and collaborative skills to effectively solve problems encountered in general chemistry using appropriate computational and reasoning skills.

Credits: 5

Prerequisites:

[CH 222](#)

## College Success and Career Guidance

### CG 58: Math Literacy Success

Explores attitudes, emotions and barriers towards math. Covers learning strategies to enhance math success, including math focused study skills, anxiety reduction techniques, learning styles, and more. Includes strategies for developing motivation and persistence for math class preparation and test taking.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Develop identity as individuals who can successfully learn math concepts.
- Identify and employ strategies (i.e. test taking, study schedule, learning styles, etc) to prepare for and succeed in math courses.
- Recognize impact of attitudinal and emotional responses, motivation, and anxiety to math.

Credits: 1

### CG 100: College Survival and Success

Provides information and techniques for time, money and self-management, including motivation, goal setting, and accepting personal responsibility for college success. Includes developing skills for navigating a culturally diverse learning environment and utilizing college resources and services.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Use the concepts of accepting personal responsibility and interdependent behaviors to achieve academic and personal goals.
- Apply effective motivational strategies and goal setting tools to academic and personal life.
- Communicate and participate responsibly in order to navigate college systems
- Make informed choices regarding time, money, and self-management.
- Use college resources and policies to determine and implement academic decisions.
- Incorporate awareness of diversity and cultural differences to participate fully in college and community.

Credits: 3

### CG 105: Scholarships: \$\$ for College

Provides a systematic approach to researching and applying for scholarships. Topics include: Creating a scholarship portfolio, internet resources, and research strategies. Students will identify skills, accomplishments, values, goals, and life experiences, and learn strategies to translate them into an effective scholarship application. Interviewing tips will be discussed. Panels and guest speakers, including scholarship winners, will share perspectives on the scholarship process.

### Course Student Learning Outcomes

Students who complete the course will be able to:

- Identify personal experiences, skills, accomplishments, and life experiences important to presenting a positive picture of themselves in a scholarship application.
- Learn to quickly and effectively research a large variety of pertinent scholarships, focusing on the Internet.
- Develop a personal scholarship portfolio, using time effectively to produce scholarship applications.
- Create a long-term plan for annual scholarship applications, including working consistently to improve each aspect of the three main criteria (academic performance, out-of-school involvement, personal essays) necessary for successful scholarships.
- Identify and apply for at least three scholarships.
- Gain the confidence to create successful scholarship applications, and the determination to continue applying each year that they are in school.
- Understand how the general rules and techniques of creating a high-quality scholarship application can also apply to other aspects of life, including finding, and successfully interviewing for, future employment; as well as preparing quality application for transferring to four-year schools.
- Appreciate the importance of a "volunteerism" or "community service" personal ethic.

Credits: 2

### **CG 114: Financial Survival for College Students**

Provides basic information and strategies to empower individuals to make positive decisions about funding their education and establishing control over their financial lives, leading to financial independence and reduced life stress. Introduces: funding college, budgeting, wise use of credit, controlling debt, basic financial planning, effective financial decision making, and avoiding financial mistakes and pitfalls. CG 114 and BA 114 are equivalent. Only one may be taken for credit.

### **Course Student Learning Outcomes**

As a result of having participated in this class students will:

- Implement a financial plan to pay for college while maximizing resources and minimizing borrowing.
- Maintain short, medium and long-term financial goals while adhering to a spending plan.
- Make informed financial decisions to avoid unnecessary financial risks and establish a strong credit portfolio.

**Credits:** 1

**Prerequisites:**

[WR 90](#)

[RD 90](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **CG 130: Today's Careers**

Explores a wide range of occupations, and identifies the educational and skill requirements for each. Covers ways of gathering information about specific occupations. Includes perspectives on a variety of careers to further illustrate the realities of the world of work.

### **Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Identify and research occupational information such as outlook, growth, and wages.
- Utilize information to develop occupational and educational goals.

**Credits:** 2

### **CG 190: Intercultural Leadership for Mentors**

Explores concepts of cross-cultural leadership and mentorship styles. Assists in the development of leadership and mentorship skills with the intent of supporting college success and retention of self and others. Includes teambuilding, goal-setting, role modeling, public speaking, time management, ethics, diversity, and customer service. Inspires the cultivation of a personal leadership vision and cross-cultural awareness, respect, and understanding.

### **Course Student Learning Outcomes**

Upon successful completion students will be able to:

- Incorporate personal leadership vision and cross cultural awareness when leading or mentoring groups or individuals across a range of diverse environments.
- Adapt leadership strategies and activities in accordance with needs and goals of participants.
- Apply workshop facilitation skills and portfolio development in the work environment.

**Credits:** 3

**Prerequisites:**

Must pass a criminal background check if working with middle or high school students.



# Communication Studies

## COMM 100: Introduction to Communication

Covers complexities of the communication process. Includes insights into the causes and effects of general communication behaviors, involvement in active exploration of basic communication theories and concepts, and opportunities to develop communication strengths.

## Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Use a newly gained understanding of the cause and effect of communication behaviors to begin to reduce miscommunication with others.
- Use the insight into filters created through the framework of culture, society, organizations, family, and self in order to make responsible personal choices in many types of relationships.
- Explore different areas of communication in order to expand a broad base of skills and communicative tools when interacting with others.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## COMM 111: Public Speaking

Introduces speechmaking based primarily on a traditional public speaking approach. Covers classical rhetorical theory and highlights rhetoric's importance to public speaking. Develops theoretical understanding and practical application of oral communication skills. Includes techniques in controlling speech anxiety, how to structure and organize information to present to a variety of audiences, and physical and vocal delivery skills.

## Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Create and present organized and focused messages in public speaking settings.
- Analyze audience demographic and psychographic information to create audience-centered messages.
- Employ verbal and nonverbal presentation skills for confidently and effectively delivering oral messages.
- Evaluate arguments and reasoning from an audience perspective.
- Employ strategies and skills to manage communication anxiety.
- Create and present effective presentations using digital and non-digital presentation tools.
- Apply traditional rhetorical methods and modes of persuasion to speechmaking.

Credits: 4

Prerequisites:

[WR 121](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### COMM 112: Persuasive Speaking

Explores theories of persuasive speaking and the nature of arguments. Develops skills of inquiry and advocacy through oral discourse, including critical analysis and rules of evidence. Includes practice in using, planning, delivering and refuting persuasive arguments in a variety of extemporaneous formats. Investigates how persuasion works to influence others as well as self.

### Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Manage arguments through learned rhetorical strategies.
- Engage in decision making by constructing, articulating and critically evaluating arguments.
- Prepare, research, outline and present an effective persuasive message using public speaking skills.
- Use rhetorical strategies in order to engage with audiences of diverse perspectives.
- Use refined organizational and presentational skills for improved community leadership.

Credits: 4

Prerequisites:

[WR 121](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### COMM 130: Business & Professional Communication

Focuses on communication as it relates to business and professional settings. Explores the climates, settings, philosophies, and practices of organizational communication, including effective business presentations.

Business and Professional Speech Communication, is a course which provides students the opportunity to develop skills and understandings useful in the career environment. A variety of communication situations may be analyzed, including: problem solving; discussion groups; organizational networks; interviewing; and, conference planning and speaking. This course emphasizes the theory and practice of communication as it relates particularly to business and professional settings. Readings and discussions focus upon the philosophies and practice of organizational communication. Basic concepts of effective speech communication are presented, which students can apply in their career environments.

### Course Student Learning Outcomes

Upon successful completion:

- Use an understanding of communication principles to effectively speak, listen, and interact, both verbally and non-verbally, within business and professional environments.
- Discern and apply communication in the modern organization, especially as it relates to persuasive strategies and the dissemination of information.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

**COMM 140: Introduction to Intercultural Communication**

Explores the nature and impact of different cultures on communication. Includes interactive relationship forms as the basis for global understanding in the classroom, business or travel. Focus on processing messages with accelerating changes in political, economic and immigration patterns through individual cultural perceptions. Understand and communicate with people who are "different."

**Course Student Learning Outcomes**

Upon successful completion students will be able to:

- explore how culturally-based assumptions influence communicative behaviors, perceptions, and attitudes.
- examine historically-based worldviews and the evolution of communication through the filter of cultural ideas, behaviors and issues.
- critically examine the impact of cultural filters on communication in order to become more sensitive toward people with different values and beliefs.
- analyze how social institutions perpetuate systems of privilege and discrimination and how these are manifested through communication in order to improve one's own communication.
- explore intercultural communication in terms of power relationships.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

**COMM 214: Interpersonal Communication: Process and Theory**

Introduces interpersonal communication in different contexts in order to build and manage relationships. Focuses on message exchange in person-to-person interactions; emphasizes theoretical principles and their application. Concentrates on the development of communication skills to build communication competence in interpersonal contexts.

**Course Student Learning Outcomes**

Upon successful completion, students should be able to:

- Select and apply appropriate communicative behavior to improve the quality of dyadic interactions in various contexts.
- Use active listening skills to analyze and explain dyadic interactions with others, including others from diverse backgrounds.
- Manage conflict through learned conflict management techniques in a variety of situations.
- Practice communication competence in person-to-person interactions to build self-efficacy and to manage relationships.

**Credits:** 4

**Prerequisites:**

[WR 121](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### COMM 215: Small Group Communication: Process and Theory

Problem solving aspects of small group activities. Includes process and task, leadership, verbal and non-verbal messages in the small group, norms and roles, conflict reduction, and decision making. Focuses on theory and practice.

### Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Continue to adjust communicative behavior in order to improve the quality of small group interactions within various settings
- Manage projects, presentations, and small groups through learned communication strategies.
- Manage conflict through learned communication strategies within the small group setting.
- Use learned active listening skills in order to analyze and explain others' communicative behaviors within the small group

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### COMM 228: Mass Communication and Society

Surveys media of mass communication and the effects on society. Introduces the history, development and technological advances of mass communication systems and their subsequent role in society, public discourse and the individual. Includes an analysis of print and broadcast journalism, advertising, public relations, television, film and new media.

### Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Use an understanding of the effects of mass media on culture and society in order to make responsible personal and professional decisions.
- Recognize the connection between journalistic/media freedoms and democracy in order to maintain balance between freedom of the press and freedom of the society.
- Provide community leadership through the recognition of the political and economic influence of the media.
- Critically and thoughtfully respond to both explicit and implicit communication of media.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## Computer Applications Systems

Oregon Coast Community College offers an associate degree and career pathway certificates within the Computer Applications and Office Systems Department. Associate degree programs may be completed in approximately two years. State- approved Career Pathway Certificates vary in length but are designed to be completed in less than one year. These certificates help students attain skills for targeted entry-level jobs in specific areas of computer applications, office systems, and web development. The credits earned will provide a convenient pathway for students who wish to continue to pursue the one-year certificates and two-year AAS degrees in the program.

Due to the rapid changes in employment opportunities, technological advances, and certifying agency regulations, these programs are subject to change.

## Program Costs

Please see college website for program costs. Contact Student Services at 541-867-8503 to find out about Financial Aid eligibility.

Roadmap Link: <http://oregon.ctepathways.org/c/version/2115/883.6.html>

## (CAS/OS) Administrative Assistant Certificates

Intended to meet business career needs for entry-level administrative assistants, secretaries, receptionists, file clerks, and data entry personnel. Workers in these positions may perform a wide variety of duties such as working with office technology to produce and file business documents, greeting the public, planning and scheduling, accounting, and creating web pages.

### Admission Prerequisites

- All programs of study in CAS/OS recommend placement in WR 115, RD 115, MTH 20 and keyboarding by touch or CAS 121. Additional skill requirements are specified in course descriptions. Placement examinations to assist students in selecting appropriate writing and mathematics courses are required prior to registration.
- All courses in the degrees and certificates within the CAS/OS program must be completed with a grade of "C" or "P" or better.

### Other Prerequisites

Students with questions about entry-level readiness should arrange to meet with a department advisor.

### CAS 109: Beginning Powerpoint

Introduces the basic features of Microsoft PowerPoint, producing multimedia slideshows for presentations to be delivered on a projection system, personal computer, or automated to run independently on a kiosk. Explores informational, educational, business, and personal presentations. Includes animations, transitions, and designs.

### Course Student Learning Outcomes

Upon successful completion of this course, student will be able to:

- Use Microsoft PowerPoint to create personal and/or business on-screen presentations following current professional and/or industry standards.
- Use critical thinking skills to independently design and create on-screen presentations.

**Credits:** 1

### CAS 110: Introduction to Web Graphics

Introduces the creation of graphics for use on websites using industry-standard graphics editing software. Includes creating vector-based and pixel-based graphics, optimizing images for websites, selecting appropriate image file formats, and performing basic photo editing.

### Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Create and optimize graphics for use on websites.
- Perform basic photo editing tasks.
- Use critical thinking skills to appropriately select image file formats for a variety of applications.

**Credits:** 1

**CAS 111D: Beginning Website Creation: Dreamweaver**  
Introduces basic elements of website creation using Adobe Dreamweaver. Includes web terminology, basic HTML, uploading pages to a server (FTP), site management, tables, layout, stylesheets (CSS), rollovers, optimizing graphics, and accessibility.

## Course Student Learning Outcomes

Upon successful completion of this course, student will be able to:

- Use Adobe Dreamweaver to create personal and/or business websites following current professional and/or industry standards.
- Use critical thinking skills to design and create a basic, multi-page website.
- Use Adobe Dreamweaver and a stand-alone FTP program to upload files to a web server.
- Be prepared to pursue future courses in website development and design.

**Credits:** 3

### **CAS 121: Beginning Keyboarding**

Covers the skills necessary to touch type on the computer keyboard using correct techniques. Includes the development of speed and accuracy. Covers the production of basic business and academic documents.

## Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Keyboard by touch the alphabetic computer keyboard.
- Use critical thinking skills to apply proper formatting to business and academic documents following professional and industry standards.

**Credits:** 3

### **CAS 122: Keyboarding for Speed and Accuracy**

Develops confidence, endurance, and control for accurate keyboarding while increasing keyboarding speed. Develops ability to proofread documents accurately and efficiently.

## Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Keyboard by touch with increased accuracy and speed following current professional and/or industry standards.
- Use critical thinking skills to apply proofreading techniques to business documents.
- Use feedback/guidance from the instructor and classmates to incorporate methods to improve speed and accuracy levels and assess their effectiveness on individual skill development.

**Credits:** 3

### **CAS 123: Professional Document Formatting**

Covers formatting, proofreading, and editing to produce business documents such as professional reports, meeting & events materials, and business letters utilizing a variety of software technologies. Focuses on improving and increasing speed and accuracy of keyboarding skills for document production.

## Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Use appropriate software to quickly and accurately produce business documents following professional industry standards.
- Use critical thinking skills to analyze information for production of business documents, and determine and integrate software technologies for the formatting structure best suited to convey information in a professional manner.

**Credits:** 3

**Prerequisites:**

[CAS 216](#)

Instructor permission also accepted.

**CAS 133: Basic Computer Skills/Microsoft Office**

Introduces the basic features of Microsoft Office, Windows basics, and file management. Develops familiarity with Word, Excel, Access, PowerPoint, email, and Internet basics. Covers components of the Internet and Computing Core (IC3) program content.

**Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Recognize when to use each of the Microsoft Office programs to create professional and academic documents.
- Use Microsoft Office programs to create personal, academic and business documents following current professional and/or industry standards.
- Apply skills and concepts for basic use of computer hardware, software, networks, and the Internet in the workplace and in future coursework as identified by the internationally accepted Internet and Computing Core (IC3) standards.

**Credits:** 4

**CAS 137: Basic Web Design Skills/Adobe**

Introduces the basic features of Adobe Creative Cloud software including Bridge, Photoshop, Dreamweaver, Illustrator, and Acrobat. Includes using the software to edit photos, create basic websites, design web graphics, and organize web projects.

**Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Recognize when to use each of the Adobe Creative Cloud programs to create standards-based web graphics and web pages.
- Use web authoring software to create a simple, multi-page website.
- Use basic image editing techniques to design and perfect images.
- Use critical thinking skills to create a project that integrates the various software programs.

**Credits:** 3

**CAS 140: Beginning Access**

Introduces the basic features of Microsoft Access. Covers beginning database management concepts including tables, forms, reports, queries, and basic macros. Stresses a working knowledge of database management vocabulary. Emphasizes efficient use of Access toolbars and menus. Discusses database design issues.

**Course Student Learning Outcomes**

Upon successful completion of this course, student will be able to:

- Use Microsoft Access to create personal and/or business databases following current professional and/or industry standards.
- Use critical thinking skills to design and create database objects.
- Communicate in a business setting using database management vocabulary.

**Credits:** 3

### **CAS 170: Beginning Excel**

Introduces the basic features of Microsoft Excel and spreadsheet concepts to design and create accurate professional worksheets for use in business and industry, and academic environments. Includes entering data; creating formulas; professional formatting; creating charts; creating, sorting, and filtering tables; creating and using templates; and working with functions. Focuses on ways to ensure accuracy including proofreading techniques and critical thinking to determine what data to present and how to present it. Introduction of pivot tables to summarize data.

#### **Addendum to Course Description**

A major goal is to develop better computation skills. Improved critical thinking, decision-making, and problem-solving skills will also be emphasized.

### **Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Use Microsoft Excel to create personal and/or business spreadsheets following current professional and/or industry standards.
- Use critical thinking skills to design and create spreadsheets.
- Communicate in a business setting using spreadsheet vocabulary.
- Summarize large amounts of data.
- Develop visual presentations of data.

**Credits:** 3

### **CAS 171: Intermediate Excel**

Introduces advanced features of Excel to design and create accurate, professional worksheets for use in business and industry. Includes financial, logical, lookup, data analysis and database functions; pivot tables; "what-if" analysis with data tables; importing data; complex graphs; and macros; and solver features. Focuses on ways to ensure accuracy including proofreading techniques and critical thinking to determine what data to present and how to present it.

A major goal is to develop better computation skills. Improved spreadsheet design through critical thinking, decision-making, and problem-solving is also emphasized.

### **Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Apply critical thinking, problem-solving, and decision making skills to independently design and create complex Excel spreadsheets following current professional and/or industry standards.
- Organize, manipulate, and analyze data using Excel data analysis tools.
- Communicate in a business setting using spreadsheet vocabulary.

**Credits:** 3

**Prerequisites:**

[CAS 170](#)

Instructor permission also accepted.



### **CAS 216: Beginning Word**

Introduces the basics of Microsoft Word to create, edit, and print documents such as letters, memos, and manuscripts; produce multi-page documents; use headers and footers; become familiar with the program's writing tools and basics of enhancing documents; and produce merged copy.

This course is presented in a hands-on lecture/lab format. Other methods such as instructional work sheets, videotapes, demonstrations, or one-on-one instruction may be used. Out-of-class preparation will be required.

### **Course Student Learning Outcomes**

Upon successful completion of this course, student will be able to:

- Use Microsoft Word to create personal and/or business documents following current professional and/or industry standards.
- Use critical thinking skills to independently design and create word processed documents.
- Communicate in a business setting using word processing vocabulary
- Be prepared for intermediate level Word course.

**Credits:** 3

### **CAS 217: Intermediate Word**

Introduces additional concepts of Microsoft Word to enhance documents through advanced features. Includes working with images; creating/using styles; formatting multi-page documents using advanced features of headers/footers and section breaks; integrating software to create and format tables and charts; using advanced mail merge; creating documents with columns; creating and using fill-in forms.

This course is presented in a hands-on lecture/lab format. Other methods such as instructional work sheets, videotapes, demonstrations, or one-on-one instruction may be used. Out-of-class preparation will be required.

### **Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Use advanced features of Word to efficiently produce documents.
- Create, analyze, and critique documents to meet professional and industry standards.

**Credits:** 3

**Prerequisites:**

[CAS 216](#)

Instructor permission also accepted.

### **CAS 231: Publisher**

Introduces Microsoft Publisher to design and create effective publications that combine text graphics, illustrations, and/or photographs such as announcements, fliers, advertisements, and reports. Covers the processes to create, import, and manipulate text, graphics, and/or templates through program tools and features.

### **Course Student Learning Outcomes**

Upon successful completion of this course, student will be able to:

- Use Microsoft Publisher to create personal and/or business publications following current professional and/or industry standards.
- Use critical thinking skills to independently design and create publications.

**Credits:** 3

### **CAS 232: Desktop Publishing: InDesign**

Introduces Adobe InDesign, a desktop publishing software, to design and create effective publications such as announcements, fliers, advertisements, and reports. Covers the processes to create, import, and manipulate text and/or graphics through use of software features.

### **Course Student Learning Outcomes**

Upon successful completion of this course, student will be able to:

- Use Adobe InDesign to create personal and/or business publications following current professional and/or industry standards.
- Use critical thinking skills to independently design and create publications.

**Credits:** 3

### **CAS 246: Integrated Computer Projects**

Builds upon previous computer and business knowledge to create individual and group projects using software found in today's workplace. Uses integrated software (i.e. MS Office) and current technology to further develop professional software skills.

### **Course Student Learning Outcomes**

Upon successful completion of this course, student will be able to:

- Integrate various software applications to plan, create, and present projects following current professional and/or industry standards.
- Use critical thinking skills to solve unfamiliar business-related problems through the integration of various computer software applications.

**Credits:** 4

**Prerequisites:**

[CAS 216](#)

[CAS 170](#)

Instructor permission also accepted.

## **Computer Information Systems**

### **CIS 120: Computer Concepts I**

Introduces computing fundamentals from older, mature technologies through recent and emerging technologies. Utilizes key applications, such as word processing, spread sheet, database, and presentation software, to solve realistic problems. Explores the benefits and risks of the online environment.

### **Course Student Learning Outcomes**

On completion of the course students should be able to:

- Use technology ethically, safely, securely, and legally.
- Identify and analyze computer hardware, software, and network components.
- Design basic business web pages using current HTML/CSS coding standards.
- Install, configure, and remove software and hardware.
- Use systems development, word-processing, spreadsheet, and presentation software to solve basic information systems problems.
- Apply standard statistical inference procedures to draw conclusions from data.
- Retrieve information and create reports from relational databases.
- Make intelligent computer purchase decisions.
- Analyze compression techniques and file formats to determine effective ways of securing, managing, and transferring data.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

# Computer Science

## CS 160: Exploring Computer Science

Explores the field of computer science. Provides an overview of computer architecture, software development engineering, data organization, problem-solving strategies, ethics, and theory of computation. Explores career options and develops rudimentary software development skills. This course is transferable to a four-year institution and is applicable toward an Associate of Science or Associate of Applied Science Degree.

## Course Student Learning Outcomes

On completion of this course the student should be able to:

1. Identify career opportunities in computer science and distinguish computer science from related disciplines.
2. Develop and analyze simple algorithms, and design, code, and test a program.
3. Use a variety of problem-solving strategies and be aware of the operation of computer hardware.
4. Use an understanding of the underlying computational limitations of computers when identifying solutions.
5. Apply ethical understanding of issues of privacy, professional integrity, and service to work in the field.
6. Analyze different data organization techniques, including data structures, files, records and databases to identify an optimal solution to organize data.

Credits: 4

Prerequisites:

[MTH 65](#)

[RD 115](#)

## CS 161: Computer Science I

Introduces the concepts of computer science. Explores problem solving, algorithm and program design, data types, loops, control structures, subprograms, and arrays. Introduces writing programs in a high-level programming language. Surveys current social and ethical aspects of computer science.

## Course Student Learning Outcomes

On completion of this course students should be able to:

1. Follow the software development process (requirements analysis, design, implementation, and test) in the development of small programs.
2. Use an understanding of cultural differences in user populations and global software design requirements in order to design effective software.
3. Employ good software engineering practices and good software design, always applying Software Engineering Code of Ethics as determined by Association for Computing Machinery (ACM).
4. Construct appropriate user interfaces for simple programs, and design systems with minimal complexity and maximal functionality.
5. Analyze and construct efficient and effective algorithms and translate to appropriate control structures in an implementation language.
6. Effectively use software development tools including libraries, compilers, editors, linkers and debuggers.

Credits: 4

Prerequisites:

[CS 160](#)

## CS 162 : Computer Science II

Explores classes, pointers, dynamic memory, linear linked lists, multi-dimensional arrays, program correctness, verification, and testing.

### Addendum to Course Description

Students will complete several lab/programming exercises using object-oriented programming techniques. This course is transferable to a four-year institution and is applicable toward an Associate of Science or Associate of Applied Science Degree.

## Course Student Learning Outcomes

On completion of this course students should be able to:

- Use an understanding of cultural differences in user populations and global software design requirements in order to design effective software.
- Employ good software engineering practices and good software design, always applying Software Engineering Code of Ethics as determined by the Association for Computing Machinery (ACM).
- Employ a deep knowledge of the procedural paradigm and a recognized software development methodology to develop computer programs that emphasizes usability and end-user compatibility.
- Design and construct simple object-oriented software with an appreciation for data abstraction and information hiding.
- Effectively use software development tools including libraries, compilers, editors, linkers and debuggers to write and troubleshoot programs.
- Construct appropriate user interfaces for simple programs, and design systems with minimal complexity and maximal functionality.

Credits: 4

Prerequisites:

[CS 161](#)

## CS 205: System Programming and Architecture

The core theme of this course is “What really happens when software runs?” Provides an overview of C and assembly language programming and reading skills, and how the fundamental parts of C programs map to assembly code and binary representations, and how this assembly is determined by the Instruction Set Architecture of a machine. Introduces functional organization and architecture of digital computers and explores basic systems programming skills and tools to measure and improve program performance.

## Course Student Learning Outcomes

On completion of this course students should be able to:

- Describe the major components of computer architecture; explain their purposes and interactions and the instruction execution cycle.
- Describe a basic instruction set architecture, including the arithmetic, logic, and control instructions; user and control registers; and addressing modes.
- Do simple arithmetic in hexadecimal, decimal, and binary notation, and convert among these notations.
- Explain how data types such as integers, characters, pointers, and floating-point numbers are represented and used at the assembly level.
- Write C language programs that use control structures, functions, IO, arrays, and dynamic memory.
- Describe each step of the compilation process by which C language programs are transformed into machine code.
- Explain how high-level programming constructs such as arrays, structures, loops, and stack-based function calls are implemented in machine code. Recognize and reverse engineer same.
- Demonstrate and use a debugger to analyze program flow, inspect register and stack contents.
- Identify and fix performance issues in C programs that are caused by machine level concepts.
- Explain how the information in this course is important within the overall context of computer science.

Credits: 4

Prerequisites:

[CS 162](#)

### CS 260: Data Structures

Explores abstract data types, dynamic arrays, linked lists, trees and graphs, binary search trees, hash tables, storage management, and complexity analysis of data structures.

#### Addendum to Course Description

Students will complete several lab/programming exercises techniques. This course is transferable to a four-year institution and is applicable toward an Associate of Science or Associate of Applied Science Degree.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Use an understanding of cultural differences in user populations and global software design requirements in order to design effective software.
- Employ good software engineering practices and good software design, always applying Software Engineering Code of Ethics as determined by Association for Computing Machinery (ACM).
- Employ a deep knowledge of various data structures when constructing a program.
- Design and construct simple object-oriented software with an appreciation for data abstraction and information hiding.
- Effectively use software development tools including libraries, compilers, editors, linkers and debuggers to write and troubleshoot programs.

Credits: 4

Prerequisites:  
[CS 162](#)

### CS 290: Web Development for CS Majors

Covers how to design and implement a multi-tier application using Web technologies. Includes the creation of extensive custom client and server-side code consistent with achieving a high-quality software architecture.

#### Addendum to Course Description

Students will complete several lab/programming exercises techniques. This course is transferable to a four-year institution and is applicable toward an Associate of Science or Associate of Applied Science Degree.

### Course Student Learning Outcomes

Upon successful completion of this course, students will be able to:

- Describe the architectural elements of effective web applications.
- Describe key threats to relevant architectural attributes in web enabled applications.
- Demonstrate implementation of custom functionality across multiple tiers of a web enabled applications.
- Evaluate which architectural strategies to apply to address quality requirements, with emphasis on scalability, usability and security.

Credits: 4

Prerequisites:  
[CS 162](#)

# Early Childhood Education

## ECE 121: Observation and Guidance I

Focuses on age-appropriate guidance and observations techniques for individual children six weeks to six years. Topics include the ongoing dynamics of relationships, how values and belief systems impact guidance decisions, and the linkages between observation and guidance plans for individual children.

Observation and Guidance I will include basic observation and guidance techniques for individual children (infancy – six years). This course puts more emphasis on guidance techniques and the personal value and belief systems that underlie their usage, but also provides students with some basic observational tools (running records, anecdotal) that can be used in identifying, evaluating, and developing guidance strategies.

This course is required for the Early Childhood Certificate and the A.A.S. Degree in Early Childhood Education. In order to count toward the Early Childhood Certificate or AAS degree, this course must be taken for a letter grade.

Students must have access to infants, toddlers, or young children (2.5 – 5 years) in order to complete observation assignments.

## Course Student Learning Outcomes

- Identifies, individually and collaboratively, guidance techniques for individual children based on proven theory and practices.
- Recognizes environmental, developmental, and cultural factors that impact children's behaviors.
- Identifies the skills and strategies needed for make accurate observations of individual children based on child development principles.
- Explains the connection between observations and appropriate guidance, management, and planning for individual children.
- Articulates the role of observation in communicating with parents and professionals.

Credits: 3

Co-Requisites:

[ED 120](#)

## ECE 122I: Environments and Curriculum for Infants and Toddlers

Covers theories of physical and social space, activities, experiences, and materials and the relationships between them for children ages six weeks-three years of age. Introduces the use of developmentally and culturally appropriate practices in planning, selecting, and evaluating environments and curriculum for infants and toddlers in home-based and center-based care. Reviews child development (social/emotional, cognitive, gross/fine motor, communication/language, self-help), relationship-based care, routines, transitions and play with infants and toddlers. Includes planning and implementing environments and curriculum for infants and toddlers.

Requires: Up to 10 hours of ECE site observations.

## Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Articulate the teacher's role in incorporating development, culture, and play in the creation of indoor and outdoor learning environments and supporting curriculum for infants and toddlers.
- Discuss theoretical perspectives on environments and curriculum for infants and toddlers.
- Identify principles and components of appropriate environments and curriculum for infants and toddlers.
- Describe the role of individual child routines and schedules in environments and curriculum for infants and toddlers.
- Review safety and health rules and regulations in the creation of environments for infants and toddlers.
- Review use of lesson planning and webbing in the creation of environments and curriculum for infants and toddlers.

Credits: 4

### **ECE 123P: Environments and Curriculum for Preschool**

Covers developing meaningful and challenging preschool curriculum and environments with a focus on the importance of play. Incorporates developmentally and culturally appropriate pedagogy and inclusion to plan learning experiences, physical and social environments, routines and transitions, and family involvement. Covers assessing and documenting children's learning.

Requires: Ten hours of observations and field trips.

### **Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Plan for indoor and outdoor classrooms, understanding the impact of social, emotional, cognitive, physical and language development on young children.
- Apply developmental theories for children's indoor and outdoor learning when planning indoor and outdoor activities.
- Distinguish the difference between developmentally and culturally appropriate practices.
- Use documentation and environment ratings scales to develop and assess curriculum and environments.
- Explain indoor and outdoor environment set-up, materials and schedules.
- Create indoor and outdoor lesson plans and activity plans for different learning styles, abilities and needs.
- Demonstrate emergent curriculum and project approach knowledge and skills.

**Credits:** 4

### **ECE 130A: Practicum Seminar 1**

Reviews skills necessary for supporting the total development of children, ages 6 weeks to 6 years, focusing on the role of the teacher in implementing a developmental program of early childhood education in two interdependent components: seminar and practicum.

Participating students are expected to attend seminar as scheduled and on time, actively participate in all aspects of the seminar, and complete all required assignments for seminar.

### **Course Student Learning Outcomes**

Upon successful completion students should be able to:

- Collect and represent basic documentation of standard achievement as specified in the NAEYC Standards for Initial Professional Preparation.

**Credits:** 2

**Prerequisites:**

[ED 120](#)

[ECE 121](#)

**Co-Requisites:**

[ECE 131A](#)

[ECE 133](#)

### **ECE 130B: Practicum Seminar 2**

Reviews skills necessary for supporting the total development of children, ages 6 weeks to 6 years, focusing on the role of the teacher in implementing a developmental program of early childhood education in two interdependent components: seminar and practicum.

### **Course Student Learning Outcomes**

Upon successful completion, students should be able to:

1. Collect and represent documentation of standard achievement as specified in the NAEYC Standards for Initial Professional Preparation.
2. Use the knowledge, skills, and abilities acquired in pre-and co-requisite coursework to discuss working with children.

**Credits:** 2

**Prerequisites:**

[ECE 130A](#)

**Co-Requisites:**

[ECE 131B](#)

[ECE 134](#)

### ECE 130C: Practicum Seminar 3

Reviews skills necessary for supporting the total development of children, ages 6 weeks to 6 years, focusing on the role of the teacher in implementing a developmental program of early childhood education in two interdependent components: seminar and practicum.

## Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Collect and represent documentation of standard achievement as specified in the NAEYC Standards for Initial Professional Preparation.
- Use the knowledge, skills, and abilities acquired in pre-and co-requisite coursework to discuss working with children.
- Integrate knowledge of child development and learning; family and community relationships; observation, documentation, and assessment; developmentally effective approaches; the use of content to build meaningful curriculum; and professionalism.

Credits: 2

Prerequisites:

[ECE 130B](#)

Co-Requisites:

[ECE 135](#)

### ECE 131A: Practicum for Experienced Teachers 1

Improves and strengthens beginning level skills for working with children ages birth-5 in a group setting at work sites. Includes the use of developmentally appropriate methods in recognizing and providing safe, responsive, and sanitary environments. Department permission required based on work experience and previous coursework.

At Level I, be employable as a competent teacher's aide with children, under a lead teacher's supervision.

At Level II, be employable as a competent assistant teacher.

## Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Use an understanding of children's characteristics and needs from birth through age 5, in order to provide appropriate care and education.

Credits: 3

Prerequisites:

[ED 120](#)

[ECE 121](#)

[ED 124](#)

Co-Requisites:

[ECE 130A](#)



### **ECE 131B: Practicum for Experienced Teachers 2**

Improves and strengthens basic intermediate level skills for working with children ages birth-5 in a group setting at work sites. Includes the use of developmentally appropriate methods to support guidance and conflict resolution; schedule and routine planning; fundamental curriculum development; and environmental modification. Department permission required based on work experience and previous coursework.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

1. Use an understanding of children's characteristics and needs from birth through age 5, in order to provide appropriate care and education.
2. Use an understanding of diverse family characteristics to appropriately and effectively interact with children.
3. Use appropriate observation, documentation, and other assessment tools and approaches to support the development of children.

**Credits:** 3

**Prerequisites:**

[ECE 131A](#)

[HEC 201](#)

[ECE 122I](#)

[ECE 123P](#)

ECE 122I or ECE 123P may be accepted.

**Co-Requisites:**

[ECE 130B](#)

### **ECE 132: Early Childhood Field Work**

Students engage in intentional field work to gain practical experience, skill development, and professional direction in achieving their career goals, working under supervision in an approved worksite.

### **Course Student Learning Outcomes**

Through reflection, self-assessment, and supervisory assessment of their work, apply skills essential for identified career pathway.

**Credits:** 2

### **ECE 133: Practicum 1 in Early Childhood Education**

Covers developing beginning level skills for working with children ages birth - 5 in a group setting. Includes the use of developmentally appropriate methods in recognizing and providing safe, responsive, and sanitary environments; using beginning-level guidance strategies; and acclimating to the field of early education.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Use an understanding of children's characteristics and needs, from birth through age 5, in order to provide appropriate care and education.
- Respond to children using an understanding of diverse family and community characteristics.
- Use appropriate observation, documentation, and other assessment tools and approaches to support the development of children.
- Engage in continuous, collaborative learning to inform practice.

**Credits:** 3

**Prerequisites:**

[ED 120](#)

[ECE 121](#)

[ED 124](#)

[WR 90](#)

WR 90 or equivalent placement.

**Co-Requisites:**

[ECE 130A](#)

### **ECE 134: Practicum 2 in Early Childhood Education**

Covers development of basic intermediate level skills to work with children ages birth - 5 in a group setting. Includes the use of developmentally appropriate methods to support guidance and conflict resolution; schedule and routine planning; fundamental curriculum development; and environmental modification.

## **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Create healthy, respectful, supportive, and challenging learning environments for young children using knowledge of child development.
- Develop appropriate goals, curriculum, and teaching strategies for young children using an understanding of the goals, benefits, and uses of assessment.
- Develop positive relationships and supportive interactions with young children in an early childhood environment.
- Reflect on personal caregiving practices in order to promote positive outcomes for each child.

**Credits:** 3

**Prerequisites:**

[ECE 133](#)

[ECE 130A](#)

[HEC 201](#)

[ECE 122I](#)

[ECE 123P](#)

Either ECE 122I or ECE 123P is accepted.

**Co-Requisites:**

[ECE 130B](#)

### **ECE 135: Practicum 3 in Early Childhood Education**

Covers the development of advanced intermediate level skills to work with children ages birth - 5 in a group setting. Includes the use of developmentally and culturally appropriate methods to support guidance and conflict resolution; development, implementation, and evaluation of environments and curriculum; and facilitation of classroom management.

Placement of Practicum 3 in licensed/certified community early education environments, or Head Start/Early Start Programs.

## **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Understand the multiple influences on early development and learning in order to support young children and families.
- Support the engagement of families and communities in the education of young children through respectful, reciprocal relationships.
- Use assessment partnerships with families and with professional colleagues to build effective learning environments for young children.
- Use a broad repertoire of developmentally appropriate teaching/learning approaches to support young children's learning.
- Use knowledge of appropriate early learning standards, and other resources to design, implement, and evaluate developmentally meaningful and challenging curriculum for individual children.
- Apply knowledgeable, reflective, and critical perspectives on early education to caregiving practices with young children birth – 5 years.

**Credits:** 3

**Prerequisites:**

[ECE 134](#)

[ECE 130B](#)

[ECE 122I](#)

[ECE 123P](#)

Either ECE 122I or ECE 123P is accepted.

**Co-Requisites:**

[ECE 130C](#)

### **ECE 170: Coaching and Mentoring in Early Education and Family Studies**

Explores the role of coaching and mentoring in facilitating the development of novice early education practitioners and in enhancing early childhood environments. Reviews models of coaching and mentoring.

This course is designed to enhance the knowledge base of our degree-seeking students (who are required to take 6 – 10 credits of elective credit) while also providing an accessible, interesting, and relevant course to students who are seeking to meet their professional development requirements and/or who might have limited experience in the college setting.

### **Course Student Learning Outcomes**

Upon successful completion students should be able to:

- Articulate the role of coaching and mentoring in the professional development of early childhood practitioners and the creation of quality early childhood settings.
- Articulate plans for coaching and mentoring other professionals in a variety of settings and with a variety of professional goals.

**Credits: 1**

### **ECE 171A: Infant Toddler Positive Behavioral Intervention and Support**

Explores Positive Behavioral Intervention and Support (PBIS) system for infants and toddlers. Covers the identification of behavioral practices, instructional strategies, and intervention strategies for individual infants and toddlers.

### **Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Explain the difference between Positive Behavioral Intervention Support and discipline methods for infants and toddlers.
- Identify the steps of the Positive Behavioral Intervention Support process.
- Define purposes of challenging behavior and describe approaches that may be used to determine the meaning of challenging behavior in infants and toddlers.
- Describe strategies that may be used to prevent challenging behavior.
- Identify alternatives to replace challenging behavior.
- Identify how to respond to challenging behavior in ways that do not reinforce it.

**Credits: 1**

### **ECE 171B: Preschool Positive Behavioral Intervention and Support**

Explores Positive Behavioral Intervention and Support (PBIS) system for preschoolers. Covers the identification of behavioral practices, instructional strategies and intervention strategies for individual preschool age children.

### **Course Student Learning Outcomes**

Upon completion of the courses students will be able to:

- Identify the difference between Positive Behavioral Intervention Support and discipline methods appropriate for preschool age children.
- Identify the steps of the Positive Behavioral Intervention Support process.
- Define the purposes of challenging behavior and describe approaches that may be used to determine the meaning of challenging behavior in preschool age children.
- Describe strategies that may be used to prevent challenging behavior.
- Identify alternatives to replace challenging behavior.
- Identify how to respond to challenging behavior in ways that do not reinforce it.

**Credits: 1**

### **ECE 175A: Infant/Toddler Caregiving: Learning and Development**

Covers growth and development of infants and toddlers ages birth - 3, including physical, cognitive, and language development.

### **Course Student Learning Outcomes**

Upon successful completion, students should be able to:

- Recognize developmental milestones for infants and toddlers and the environments that support development.
- Recognize responsive, respectful and relationship-based infant toddler care.

**Credits: 1**

### **ECE 175C: Infant/Toddler Caregiving: Social/Emotional Growth**

Covers social-emotional growth and socialization of infants and toddlers ages birth - 3, including development, temperament, responsible care, guidance and discipline, and supporting the needs of infants and toddlers.

### **Course Student Learning Outcomes**

Upon successful completion, students should be able to:

- Recognize the development of attachment and typical, temperamental characteristics.
- Recognize responsive, respectful and relationship-based infant toddler care.

**Credits: 1**

### **ECE 177: Tiny to Tall: Making Mixed Age Groupings Work**

Covers working with mixed-age groups in early childhood settings, including children from infancy through elementary school age. Addresses the challenges and benefits of creating quality environments and programming for children of mixed ages.

This course is designed to enhance the knowledge base of our degree-seeking students (who are required to take 6 – 10 credits of elective credit) while also providing an accessible, interesting, and relevant course to students who are seeking to meet their professional development requirements and/or who might have limited experience in the college setting.

### **Course Student Learning Outcomes**

Upon successful completion, students should be able to:

- Articulate the developmental and programmatic benefits of mixed age groupings.
- Articulate plans for creating quality programs for mixed-age groups.

**Credits: 1**

### **ECE 183: Seven Essential Life Skills Every Child Needs**

Introduces seven life skills critical for young children's success which are: focus and self-control, perspective taking, communicating, making connections, critical thinking, taking on challenges, self-directed engaged learning.

## **Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Understand the seven life skills research.
- Create a physical and social environment that supports children's development and learning.
- Apply life skills strategies and tools in a classroom setting.
- Assess children's seven life skills strengths and challenges.

**Credits: 1**

### **ECE 185: Planning Fun and Meaningful Field Trips for Young Children**

Covers the positive benefits of field trips in early childhood programs, including field trip possibilities in the Portland area, developing field trip protocols, and problem-solving common field trip issues.

This course is designed to enhance the knowledge base of our degree-seeking students (who are required to take 6 – 10 credits of elective credit) while also providing an accessible, interesting, and relevant course to students who are seeking to meet their professional development requirements and/or who might have limited experience in the college setting.

## **Course Student Learning Outcomes**

Upon successful completion, students should be able to:

- Articulate the developmental and programmatic benefits of field trips in early childhood programs.
- Articulate plans for creating positive field trip experiences for groups of children and their families.

**Credits: 1**

### **ECE 195: Boys in Early Childhood Education**

Explores the educational and social experiences specific to boys in early childhood programs. Covers teacher's views on boys' behaviors and the effect on their learning. Includes developmentally and culturally appropriate approaches to engage boys in the early learning environment and curriculum.

## **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Articulate an understanding of the social and educational needs of boys in early education programs.
- Identify the teacher's impact on boys' social, emotional, cognitive, and physical development.
- Create developmentally and culturally appropriate environments and learning experiences for boys in the classroom.
- Understand the importance of rough and tumble play and superhero play.
- Advocate for quality early education for boys.

**Credits: 1**

### **ECE 196: Teaming and Communication in ECE Settings**

Introduces the identification and utilization of different strategies to strengthen teaming and communication specific to early education settings. Covers culture and communication, including communicating with colleagues, staff and parents in early education environments.

## **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Identify conflict styles in communication.
- Understand conflict styles based on culture and specific roles in the early education field.
- Apply an understanding of communication strategies to work with parents, colleagues, and supervisors in early education environments.
- Demonstrate a basic understanding of teaming dynamics.
- Identify the communication styles of colleagues and parents in the field of Early Childhood Education

**Credits: 2**

### ECE 200: The Professional in Early Education and Family Studies

History, current programs and practices, and future issues of early childhood education. Includes professionalism, historic and current issues, types of programs for young children, parent interaction, job opportunities, ethical/legal issues and community resources. Develops a professional philosophy.

### Course Student Learning Outcomes

- Describe historical and current influences on the Early Childhood Education field.
- Assess their current personal place in the ECE field.
- Formulate a professional plan for their future role in the ECE field.

Credits: 3

Prerequisites:

[WR 115](#)

### ECE 221: Observation and Guidance II

Examines techniques for observing and recording behavior and keeping records as used in the care and education of infants through five-year-olds. Focuses on observation and guidance techniques for groups of children in addressing challenging behaviors and issues in early childhood environments. Covers the caregiver's role in using observation to promote development, including self-development.

Observation and Guidance II will include a brief overview ECE 121 (Observation and Guidance I) covering basic observation and guidance techniques for individual children (infancy – six years). Observation and Guidance II further expands the guidelines, techniques, and methods of observing individuals (children and adults) and groups of young children. The course will also consider group guidance techniques in early childhood environments and the observation methods which facilitate the identification or development of group guidance strategies. Using expanded observation and guidance techniques, students complete a term project involving the planning and implementation of strategies and environments that support children's play.

### Course Student Learning Outcomes

- Identifies, individually and collaboratively, appropriate guidance techniques for groups of children based on proven theory and practices.
- Refines knowledge of environmental, developmental, and cultural factors that impact children's behaviors.
- Explains the skills and strategies needed for make accurate observations of groups children based on child development principles.
- Demonstrates an understanding of the connection between observations and appropriate guidance, management, and planning for groups of children.
- Recognizes standard assessment tools commonly used in the field of early childhood education.
- Articulates the role of observation in communicating with parents and professionals.

Credits: 3

Prerequisites:

[WR 115](#)

[ECE 121](#)

### **ECE 224: Multicultural Practice: Curriculum & Implementation**

Develops awareness of cultural and ethnic issues as they relate to the early childhood classroom teacher. Focuses on ethnocentrism, racism and discrimination. Includes techniques for developing multi-cultural, anti-bias curriculum.

This course will present to students knowledge of the ways culture and ethnicity influence expectations, behaviors, and relationships between children, parents, and early childhood professionals. In addition, knowledge of curriculum development and implementation, of the teacher's role in helping children and parents adapt to early childhood settings, and of advocacy techniques will be presented.

### **Course Student Learning Outcomes**

- Define applicable terms in including ethnocentrism, racism, prejudice, discrimination, etc.
- Identify and describe socio-cultural influences on the family and child development
- Identify and describe your own cultural roots, personal values, and attitudes
- Identify and describe issues impacting minorities in our society
- Analyze materials and activities for multi-culturalism and bias
- Plan anti-bias, multicultural, developmentally appropriate activities for young children
- Identify community resources for children, families, and early childhood professionals
- Identify various styles and opportunities of advocacy for children and families

**Credits:** 3

**Prerequisites:**

[ED 124](#)

### **ECE 232: Math and Science for Young Children**

Explores actively engaging infants through preschool age children in science and math concepts. Covers planning experiences that are meaningful, challenging, developmentally and culturally appropriate for indoor and outdoor classrooms. Connects everyday knowledge and skills to math and science.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Understand math and science content for infants through preschool age.
- Create appropriate experiences and research-based teaching for mathematical and scientific concepts, methods, and language for indoor and outdoor classrooms for infants, toddlers and preschoolers.
- Develop children's curiosity, imagination, flexibility, inventiveness, and persistence.
- Encourage preschool children to ask questions, conduct investigations, collect data, and look for answers.
- Provide math and science opportunities and investigations relevant to infant and toddler development.
- Integrate knowledge of social, emotional, physical, cognitive, language development, developmentally and culturally appropriate pedagogy.
- Use child-centered and project based learning relevant to infants, toddlers and preschool age children.

**Credits:** 3

### ECE 234: Children with Special Needs in Early Childhood Education

Covers early intervention and early childhood special education including disability characteristics, environmental and curricular adaptation, instructional strategies, and legislative mandates. Explores inclusion of children with diverse and special needs in early care and education settings, including the role of families in early intervention services.

### Course Student Learning Outcomes

- Recognize the foundations and current issues and implementations of early intervention and early childhood special education.
- Compare options for early identification, screening and assessment of children for disabilities and special needs.
- Investigate best practices for children with various identified disabilities and special needs including family involvement, IEP/IFSP use, inclusion strategies, classroom and curriculum modifications, and universal design.

Credits: 3

### ECE 236: Language and Literacy in Early Childhood Education

Overview of language and literacy development in children from infancy to age 6. Design and use a variety of language and literacy development activities with young children.

The student will develop knowledge and understanding of the normal development of language in the young child and the teacher's role in fostering and facilitating this development. Hands-on experiences with language stimulation activities and the application of literature will be offered. Also, the student will assess and develop techniques for evaluating and using a variety of types of literature with the child.

### Course Student Learning Outcomes

- Review the process of normal language development from birth to age six and the concepts and theories related to this process.
- Develop an understanding of the teacher's multiple roles in facilitating language development.
- Recognize the variety of literature for infants, toddlers and young children and its function.
- Develop techniques in evaluating and selecting literature for young children, ages 6 weeks to 6 years.
- Develop knowledge and skills in presenting children's literature using a variety of methods.

Credits: 3



# Economics

## EC 201: Principles of Economics: Microeconomics

Introduces the principles of microeconomics. Enhances the ability to recognize and analyze economic problems in the United States. Covers the American microeconomic system, which includes a familiarization with the basis of the price system and resource allocation; the operation of the firm; market concentration; regulation and antitrust policies.

## Course Student Learning Outcomes

Upon successful completion, students will be able to:

- Think critically and formulate independent and well-considered conclusions about economic issues and policies.
- Effectively participate in the political process and the economy by utilizing an understanding of the historical evolution of economic systems, institutions and ideologies.
- Make rational decisions based on rudimentary marginal analyses.
- Understand market structures and market power.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## EC 202: Principles of Economics: Macroeconomics

Covers the overall economy. Includes the basic reasons for and the problems of recession, inflation, and stagflation; the use of monetary, fiscal, and incomes policies; and other economic management tools.

## Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Think critically and formulate independent and well-considered conclusions about economic issues and policies.
- Effectively participate in the political process and the economy by utilizing an understanding of the historical evolution of economic systems, institutions and ideologies.
- Understand different paradigmatic perspectives regarding the stability or instability of the macroeconomy.
- Evaluate different public policy options for addressing macroeconomic issues and problems.
- Make rational decisions based on rudimentary marginal analyses.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

# Education

## Teacher Education Pathway Courses

Due to the highly individualized nature of the course work required for teacher licensure based on certification level and subject matter, students are asked to work with Theresa Harper, Teacher Education Pathway Advisor, to create an academic plan. Please contact her via email at [theresa.harper@oregoncoastcc.org](mailto:theresa.harper@oregoncoastcc.org).

## Degrees and Certificates

- [Teacher Education Pathway](#)

### ED 100: Introduction to Education Careers

Introduction to the field of education including Early Childhood and K-12 careers. Explores a wide range of occupations and identifies the educational and skill requirements for each. Covers ways of gathering information about specific occupations. Includes perspectives on a variety of careers to further illustrate the roles of education professionals.

## Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Describe positions and careers in the field of education including classified (paraprofessional), certified (licensed teachers), administrators, and specialists including their typical responsibilities.
- Identify and research occupational information such as outlook, growth, wages, and training/licensure requirements for education careers in Early Childhood and K-12 settings, both public and private.
- Utilize information of a selected education career to develop occupational and educational goals.

Credits: 1

Prerequisites:

None

### ED 102: Digital and Visual Communication Fundamentals

Covers visual communication concepts and techniques and their application to educational and library settings. Covers design principles and strategies to create content and graphics used in 2-D and 3-D visual formats. Includes the development and creation of posters, bulletin boards, presentations, handouts, brochures, educational games, and displays.

Analyze and evaluate the effective and powerful use of design elements and layout and its impact and influence on the audience in thought and action. Electronic tools and resources are used to develop visual information, materials, and presentations. Introduction to various production techniques are incorporated into hands-on project development. Provides opportunities to empower educators and library staff to present information utilizing different modalities.

## Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Explain visual communication techniques and apply those techniques to create effective displays for library and educational settings.
- Comply with copyright, accessibility, cultural, and ethical issues surrounding the use of images and content in display and presentations in print and non-print formats.
- Properly use materials and resources as well as equipment, hardware, and software in the production of visuals/displays.
- Analyze and communicate, verbally and in written form, the contextual, cultural, ethical, aesthetic, intellectual, and technical components involved in the production and use of visual materials.
- Implement different modes of presentation based on analyzing the scope and scale of design tasks (computer, bulletin board, display case, window displays, hanging displays, posters, flyers, brochures, tri-fold displays, table-top displays, murals).
- Problem-solve design challenges based on stated functional criteria.

Credits: 3

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### ED 112: Introduction to Children's Literature

Introduces children's literature, authors and illustrators. Covers current and classic works, book awards, artistic and literary elements, introduction to genres, basic book discussion techniques, and audio-visual and electronic formats.

This course provides opportunities for students to explore and share children's books including picture books, folktales, concept books, poetry, chapter books and novels. Emphasis will be placed on books, authors, and illustrators that have won major awards such as the Newbery Medal, the Caldecott Award, Coretta Scott King and Young Reader's Choice Awards. Students will gain experience and knowledge in book discussion/sharing techniques.

Emphasis is placed on being able to choose books for different age and grade levels to promote and integrate literature into the curriculum. Students will gain experience and knowledge in evaluating books based on various curricular criteria including analyzing literary, artistic, and cultural elements. Students will learn to analyze text using a culturally responsive lens exploring bias, stereotype, and cultural messaging, and consider ways to frame and select content for K-12 students. Students will analyze status quo cultural representations in children's literature and consider non-dominant themes in order to meet the needs of an increasingly diverse K-12 audience. Students will engage in book discussions/sharing techniques along with developing activity/lesson ideas.

### Course Student Learning Outcomes

- Describe the various types of major awards (such as the Newbery, Caldecott, Coretta Scott King and Young Reader's Choice Awards).
- List and describe the use of basic artistic elements in picture book design.
- List the literary elements of fiction.
- Identify and analyze cultural elements using a culturally responsive lens exploring bias, stereotype, and cultural messaging, and consider ways to frame and select content for K-12 students.
- Analyze and Evaluate nonfiction books based on content, structure, style, authenticity, and accuracy.
- Read and report on assigned reading of children's literature.
- Develop activity/lesson ideas based around children's literature and promoting curricular connections and integration.

- Define and recognize the following genres: picture book, folktales, poetry, fantasy, realistic and historical fiction, biographies, nonfiction, multicultural, and graphic novels.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

### ED 120: Introduction to Early Education and Family Studies

Introduces the foundations of early childhood education and family studies. Covers the history, scope, current issues and trends, focusing on programs and services for children, birth-5. Includes an emphasis on development, developmentally appropriate practices and observation of young children and professionals. Requires 2-hours per week of observation/participation. Students must enroll in the Oregon Office of Child Care Central Background Registry (Criminal Background Check). Students must show evidence of current TB test and MMR vaccination.

### Addendum to Course Description

This course is intended to provide students with an overview of the field of Early Childhood Education with particular attention to development, developmentally appropriate practices and concepts relating to children ages 0-5. The course emphasizes the impact of development on the ways in which children interact with their environments, other children, and adults, and examines personal suitability for the field by activity participating/observing in an early education environment.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Identify the multiple influences on early development and learning in order to support young children and families.
- Understand how positive relationships and supportive interactions build the foundation of effective learning environments for young children.

**Credits:** 3

**Prerequisites:**

Students must enroll in the Oregon Office of Child Care Central Background Registry (Criminal Background Check). Students must show evidence of current TB test and MMR vaccination.

### **ED 124: Multicultural Practices: for Early Childhood Education**

Develops awareness of how personal experiences, belief systems, and values impact work with children and families. Examines the impact of cultural, linguistic, and class identities and histories on inter-relationships in diverse populations. Applies techniques for incorporating other peoples histories, values and belief systems into child-and-family-centered practices.

#### **Addendum to Course Description**

This is the first of a two course series. This class is intended to encourage students to reflect on their experiences, belief systems, and values and the impact those experiences, values, and beliefs have on practice with children and families. The second class in this series (Multicultural Practices: Curriculum and Implementation) will introduce students to the creation, implementation, and evaluation of inclusionary and anti-bias curricula and environments.

### **Course Student Learning Outcomes**

1. Identify the influences on self-identity, including culture, race, language, gender, sexual orientation, physical ability, and class.
2. Recognize others identities as the product of cultural, linguistic and class influences.
3. Assess cultural-, linguistic-, and class-related experiences and needs in learning communities for young children (infancy-school age) and their families.

**Credits: 3**

### **ED 131: Applied Learning Theory**

Prepares teachers and instructional assistants to work in a standards-based setting. Offers strategies to plan and implement instruction, assess student progress and instructional effectiveness, and re-teach as needed. Focuses on learning and motivational theories that apply to instructional situations. Includes creating and studying activities for specific learning problems.

### **Course Student Learning Outcomes**

Students will:

- Apply current research in learning, instruction, and motivation to tutoring and teaching experiences.
- Modify and develop teaching techniques to meet both individual student needs as well as K-12 curriculum standards.
- Assess instructional effectiveness through looking at student work.

**Credits: 3**

**Prerequisites:**

[WR 115](#)

[RD 115](#)

### ED 136: Learning with Technology

Explores existing and emerging educational technology being used in libraries and classrooms. Focuses on using educational technology to complement and enhance learning activities. Discusses basic principles of instructional design and adaptive technologies.

The curriculum for this course is based on the International Society for Technology in Education (ISTE) recommended foundations in technology for all teachers. It meets the National Educational Technology Standards for Teachers (NETS-T) and the national Technology Standards for School Administrators (TSSA) as recommended by ISTE. Course competencies are aligned with outcome 5 of the Oregon Paraeducator Certificate: "Apply Technology to support teaching, "learning and communication."

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

1. Use instructional theories and models to describe how technology integration into learning activities can enhance learning.
2. Apply basic principles of instructional design to develop technology-enhanced learning activities for diverse learner groups.
3. Create online instructional materials and presentations for use in educational settings.
4. Evaluate educational technology for educational use.
5. Collaborate and communicate with others using educational technology.
6. Utilize assistive and adaptive technologies in the design and development of learning activities for diverse learner groups.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

Or equivalent placement.

### ED 224: Foundations of Education

Provides an overview of the history and current issues in the field for K-12 education including the impact of philosophy on practice.

### Course Student Learning Outcomes

Students will be able to:

- Use global and historical perspectives, philosophical concepts, and educational views to articulate evolving teaching philosophies of their own;
- Use knowledge of the organization and management of the k-12 education system at a local, state, and national level to appropriately access resources;
- Relate specific educational practices in teaching and organization/management to philosophical theories and practical considerations in order to engage in professional collaborations;
- Connect issues of current and historical relevance to the field of education (e.g., diversity, accountability, standards, assessment, local vs. state vs. national control, funding) to professional daily practice.
- Meet the following required statewide outcomes for Foundations of Education to successfully apply them to professional practice:
  - Describe the qualities and characteristics that are necessary for one to be a professional and effective educator.
  - Identify the roles, responsibilities and ethical expectations of teachers in today's schools.
  - Understand the multiple purposes of schooling in America.
  - Develop an initial personal philosophy of education through examination of different schools of thought.
  - Explain how major social, cultural, economic, and political forces have impacted and continue to impact education.
  - Describe the diversity found in today's students, e.g. culture, race, ability, gender, language, community and economic class.
  - Understand the relationship of diversity to educational access and societal equity.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

### **ED 232: Health, Safety and Nutrition Practices for Early Childhood Environment**

Prepares the early childhood educator to meet the physical needs of young children of all abilities through preparation of a safe environment, planned routines and positive experiences in the area of health, safety and nutrition. Focuses on the physical needs of children, child abuse and neglect.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

1. Demonstrate knowledge of age-appropriate health and safety practices
2. Discuss the principles and practices of nutrition in early childhood including family-style eating practices.
3. Describe state licensing requirements for early care and education settings.
4. Demonstrate understanding of an educator's responsibilities in reporting and supporting children's physical needs in cases of child abuse and neglect.

**Credits: 3**

### **ED 251: Overview of Exceptional Learners**

Introduction to diverse conditions of students with special needs in public schools. Identifies and defines the following disabilities: learning disabilities, emotional and behavior disorders, mental retardation, severe and multiple disabilities, autism, health impairments, physical disabilities, communication disorders, vision impairments, hearing loss, and traumatic brain injury.

### **Course Student Learning Outcomes**

Students will:

- Demonstrate the ability to understand terminology used in Special Education.
- Investigate the different types of exceptional learners.
- Investigate characteristics of their physical, mental, and emotional development.
- Demonstrate respect for differences.
- Demonstrate the ability to use reason, decision making, and complex problem solving skills.

**Credits: 3**

### **ED 269: Introduction to Teaching Students with Learning Disabilities**

Defines terms associated with learning disabilities. Includes diagnostic procedures, remedial programs and teaching techniques. Prepares the professional educator to approach the study of exceptionalities and individuals with exceptionalities in a systematic and reflective manner. Integrates historical foundations, learning theories, philosophies, legal requirements, and practices geared toward the education of individuals with diverse needs and abilities in a variety of multicultural settings. Prepares individuals to effectively meet the educational, physical, social, and behavioral needs of students with learning disabilities.

### **Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Describe key changes in special education.
- Describe the key categories of learning disabilities and other related disabilities in young children, school age children, adolescents, and adults.
- Identify the assessment tools utilized for assessment and guiding instruction in special education.
- Explain the role of learning theory in the field of learning disabilities and related disabilities.
- Describe the importance of developmental, behavioral, and cognitive psychology in developing instructional strategies for students with learning disabilities.
- Identify the legal protections specific to students with disabilities.

**Credits: 3**

### ED 290: Education Practicum

Students will complete a minimum of 60 hours as a volunteer or employee in an educational setting. Participate in discussions with peers to debrief experiences and make connections to education theory and practice. Recommended that students have completed or are currently enrolled in educational foundational courses before taking ED 290.

## Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Apply professional, ethical, and legal knowledge in a classroom setting.
- Demonstrate interpersonal and communication skills in ways that respect communication styles and differences and show sensitivity in regard to individuals' cultural, social, cognitive, and emotional differences.
- Demonstrate professional workplace skills.
- Develop educational competencies in designing and delivering instruction with the guidance of a licensed teacher.

**Credits:** 3

**Prerequisites:**

[COMM 111](#)

[WR 121](#)

[ED 224](#)

These courses are also accepted as co-requisites.

### ED 298A: Independent Projects in Education

Provides an opportunity to work independently on an individualized area of study within education under the sponsorship and guidance of an education faculty member.

## Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Meet the outcomes mutually agreed upon by the student and instructor for the independent project.
- Engage in a minimum of 30 hours in identifying research-based practices in an educational setting.

**Credits:** 1

**Prerequisites:**

Instructor permission required.

## Emergency Medical Services

The Emergency Medical Services Department offers career training for entry-level positions in emergency medical settings. Ambulance companies, fire departments, police departments, and various other industries requiring emergency medical services may employ EMS Providers. After successful completion of all requirements for EMT or AEMT training, the student is eligible to apply to take the respective state licensure exams.

The Emergency Medical Services (EMS) Department trains and educates EMS professionals to excel in meeting the needs of the community. EMS Providers respond to medical emergencies by providing immediate care and transportation to the ill and injured. This department combines classroom lectures, hands-on skills labs and appropriate cooperative clinical and field experience to provide students with cognitive, psychomotor, and affective competence to function as effective EMS providers.

### EMS 105: EMT Part I

Develops skills for the recognition of symptoms of illness and injuries and proper procedures of emergency care. Requires passing criminal background check and drug screen before placement into mandatory clinical observation in hospital emergency department and ambulance ride-along experience. Part 1 of the 2-part Oregon EMT course.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Perform basic elements of patient assessment, in order to progress to EMS 106
- Form a general field impression of patient condition based on basic patient assessment tools

**Credits:** 5

**Prerequisites:**

[WR 115](#)

[RD 90](#)

[MTH 20](#)

Department permission and current HCP CPR card required.

Equivalent placement test scores also accepted.

### EMS 106: EMT Part II

Continues EMS 105, Oregon EMT preparation. Includes preparation for state and national certification exams.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Integrate knowledge and observations in the clinical setting to delineate the EMT roles and responsibilities
- Assess, treat, transport, document, and verbally report for a variety of medical emergencies.

**Credits:** 5

**Prerequisites:**

[EMS 105](#)

Successful completion of EMS 105 at PCC within the last year; current HCP CPR card; and Department permission required.

### EMS 135: Advanced EMT Part 1

Develops skills for recognizing symptoms of illness and injuries. Covers proper procedures of emergency care at the Advanced EMT level. Requires passing criminal background check and drugscreen before placement into mandatory clinical and internship experience. Part 1 of the 2-part Advanced EMT course.

## Course Student Learning Outcomes

- Employ basic and advanced elements of Advanced EMT patient assessment, in order to develop treatment plans for simulated patient encounters
- Perform appropriate interventions within the Advanced EMT scope of practice, with regard to anatomical, physiological, and pathophysiological differences in a variety of simulated patient conditions

**Credits:** 5

**Prerequisites:**

[EMS 106](#)

[WR 115](#)

[RD 90](#)

[MTH 20](#)

Department permission required; current HCP CPR card; current Oregon EMT licensure.

Equivalent placement test scores also accepted for WR 115, RD 90, and MTH 20.

### EMS 136: Advanced EMT Part 2

Develops skills for recognizing symptoms of illness and injuries. Covers proper procedures of emergency care at the Advanced EMT level. Continuation of AEMT Part I. Requires passing criminal background check and drug screen before placement into mandatory clinical and internship experience. Part 2 of the 2-part Advanced EMT course sequence.

## Course Student Learning Outcomes

- Employ basic and advanced elements of Advanced EMT patient assessment, in order to develop treatment plans for live patient encounters in clinical and prehospital environments
- Perform appropriate interventions within the Advanced EMT scope of practice, with regard to anatomical, physiological, and pathophysiological differences in a variety of live patient encounters in clinical and prehospital environments

**Credits:** 5

**Prerequisites:**

[EMS 135](#)

EMS 135 at OCCC within the last year and Current HCP CPR card; Current Oregon EMT licensure; Department permission required.



# English

## ENG 104: Introduction to Literature (Fiction)

Examines significant works of fiction, short stories and novels, from diverse cultures and periods in history; explores fiction as an art form designed to provoke thought and challenge social norms; considers fiction as an expression of human experience.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Recognize and understand the variety of stylistic choices that authors of fiction make within given forms and how form influences meaning.
- Articulate ways in which the text contributes to self-understanding.
- Engage, through the text, unfamiliar and diverse cultures, experiences and points of view, recognizing the text as a product of a particular culture and historical moment.
- Understand the text within the context of a literary tradition or convention.
- Evaluate various interpretations of a text and their validity through reading, writing, and discussion in individual and group responses analyzing the support/evidence for a particular interpretation.
- Conduct research to find materials appropriate to use for literary analysis, using MLA conventions to document primary and secondary sources in written responses to a literary text

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

## ENG 105: Introduction to Literature (Plays)

Examines plays as literature and as an art form designed to provoke thought and to challenge social norms. Considers drama as an expression of human experience.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Engage, through dramatic works, unfamiliar and diverse cultures, experiences, and points of view.
- Articulate ways in which the works of drama contribute to self-understanding.
- Recognize the text as a product of a particular culture and historical moment and its relationship to different art forms.
- Recognize the role of form and how it influences meaning by identifying the variety of stylistic choices that authors make within given forms.
- Evaluate various interpretations of plays and their validity through reading, writing and speaking, and through individual and group responses, and analyze the support/evidence for a particular interpretation.
- Conduct research to find materials appropriate to use for literary analysis, using MLA conventions to document primary and secondary sources in written response to a literary text.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 106: Introduction to Literature (Poetry)

Examines significant poems from diverse cultures and periods in history; explores poetry as an art form designed to provoke thought and challenge social norms; considers poetry as an expression of human experience.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Engage, through poetic texts, diverse points of view and diverse historical, cultural, and literary contexts.
- Analyze a variety of poetic forms, from sonnets to haiku to free verse, and identify and effectively employ poetic terms, including diction, sound, rhyme, rhythm, meter, imagery, symbolism, persona, etc.
- Explicate poems in writing and speech and provide adequate support/evidence for such explications.
- Recognize the multiple possibilities of interpretations of poems and the validity thereof.
- Articulate ways in which the text contributes to self-understanding.
- Conduct research to find materials to use for literary analysis, using MLA conventions to document primary and secondary sources in written response to a literary text.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 107: Introduction to World Literature (Up to 16th-Century)

Introduces a broad spectrum of literature in translation that begins in antiquity and concludes at the dawn of the Renaissance. Includes works of fiction, poetry, drama and non-fiction. Examines the uniqueness and interconnectedness of literature from a variety of worldwide traditions, both western and non-western.

Instructors may choose an anthology, individual works, or both. This course meets the requirements of a survey, emphasizing breadth over depth.

## Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Identify and discuss the ways in which literary texts from different cultures and time periods up to the 16th-century are interconnected.
- Analyze the effects of war, religion, technology, economic development, racism, and culture on world literature from antiquity up to the 16th-century.
- Compare and discuss important similarities and differences between the various literary forms, periods, and histories in both western and nonwestern literatures up to the 16th-century.
- Write clear, focused, coherent essays about literature for an academic audience, using standard English conventions of grammar and style.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 108: Introduction to World Literature (16th-Century to Present)

Introduces a broad spectrum of literature in translation that begins in the Renaissance and concludes at the present. Includes works of fiction, poetry, drama and non-fiction. Examines the uniqueness and interconnectedness of literature from a variety of worldwide traditions, both western and non-western.

Instructors may choose an anthology, individual works, or both. This course meets the requirements of a survey, emphasizing breadth over depth.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Discuss crucial literary movements that transpired from the 16th-century to the present, including the Renaissance, Romanticism, Modernism, and Post-Modernism.
- Analyze the effects of war, religion, colonialism, technology, totalitarianism, economic development, racism, and culture on world literature from the 16th-century to the present.
- Compare and discuss important similarities and differences between the various literary forms, periods, and histories in both western and nonwestern literatures from the 16th-century to the present.
- Write clear, focused, coherent essays about literature for an academic audience, using standard English conventions of grammar and style.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 195: Film Studies: Film as Art

Enhances understanding of film through analysis of film history and form. Develops visual literacy and analysis skills by offering a range of tools to study any film. Analyze ways in which a film may both contribute and react to its time and culture; analyze film through studying the techniques by which it was made; and substantiate observations with examples taken from film tradition and from the film itself.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Use understanding of film technique and film as an art medium as tools to analyze film.
- Articulate a position, orally and in writing, by situating a film in a cultural context, and substantiating observations with examples taken from that tradition and from the film itself.
- Use reflective visual reading, writing listening and speaking skills to recognize, develop and articulate personal standards, predispositions and theories regarding film and critical responses to film.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 196: Film Studies: Directors

Enhances understanding of film through analysis of directorial decisions and film techniques. Develops visual literacy and analysis skills by offering a range of tools to study any film. Analyze ways in which directorial decisions may affect an individual film and viewer; situate a film within a director's body of work; analyze ways in which it may both contribute and react to its time and culture; and substantiate observations with examples taken from the film tradition and from the film itself.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Use understanding of film technique and film as an art medium as tools to analyze film.
- Articulate a position, orally and in writing, by situating a film in a cultural context, and substantiating observations with examples taken from that tradition and from the film itself.
- Use reflective visual reading, writing listening and speaking skills to recognize, develop and articulate personal standards, predispositions and theories regarding film and critical responses to film.
- Recognize ways in which directorial decisions may affect an individual film, as well as affect a viewer.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 197: Film Studies: Contemporary Themes and Genres

Enhances understanding of film through analysis of contemporary film-making, narrative techniques, genres, themes and critical approaches. Develops visual literacy and analysis skills by offering a range of tools to study any film. Analyze contemporary film techniques and the ways in which the films may both contribute and react to their time and culture; study contemporary film theory; and substantiate observations with examples taken from the film tradition and from the film itself.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Use understanding of film technique and film as an art medium as tools to analyze film.
- Articulate a position, orally and in writing, by situating a film in a cultural context, and substantiating observations with examples taken from that tradition and from the film itself.
- Use reflective visual reading, writing listening and speaking skills to recognize, develop and articulate personal standards, predispositions and theories regarding film and critical responses to film.
- Recognize individual films as representative of the contemporary culture and historical moment that produced them.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 201: Shakespeare: Early Works

Explores the development of Shakespeare's art and contribution to literature, culture, and the English language, with a focus on the earlier histories, tragedies, comedies, and non-dramatic poetry. Introduces the study of Shakespeare's dramatic techniques, character development, historical and cultural setting, and language.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Identify and discuss qualities of Shakespeare's earlier texts and the issues of interpretation and language confronted by readers, actors, and viewers when approaching his writing.
- Discuss the development of Shakespeare's art and contribution to literature and culture.
- Read analytically to determine Shakespeare's purpose, historical and cultural perspective, and use of rhetorical and dramatic strategies in creating a play/poem.
- Discuss how the philosophical and intellectual viewpoints of the English Renaissance shaped Shakespeare's writing, and their application today.
- Engage in thoughtful discussion and self-reflection regarding the social and ethical questions the plays and poems raise regarding human experience.
- Write coherent and compelling essays that begin to explore the complex questions Shakespeare raises.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 202: Shakespeare: Later Works

Explores the development of Shakespeare's art and contribution to literature, culture, and the English language, with a focus on the later histories, tragedies, comedies, and non-dramatic poetry. Introduces the study of Shakespeare's dramatic techniques, character development, historical and cultural setting, and language.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Identify and discuss qualities of Shakespeare's later texts and the issues of interpretation and language confronted by readers, actors, and viewers when approaching his writing.
- Discuss the development of Shakespeare's art and contribution to literature and culture.
- Read analytically to determine Shakespeare's purpose, historical and cultural perspective, and use of rhetorical and dramatic strategies in creating a play/poem.
- Discuss how the philosophical and intellectual viewpoints of the English Renaissance shaped Shakespeare's writing, and their application today.
- Engage in thoughtful discussion and self-reflection regarding the social and ethical questions the plays and poems raise regarding human experience.
- Write coherent and compelling essays that begin to explore the complex questions Shakespeare raises.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 204: Survey of English Literature

The first half of a two-course survey of British literature that includes English 205. English 204 introduces students to British literature from its Anglo-Saxon and Celtic beginnings through the 18th century.

Instructors may choose an anthology, complete works, or a combination of both. The course will meet the requirements of a survey, emphasizing breadth over depth.

### Course Student Learning Outcomes

The students will:

- Explore basic critical approaches to texts of English literature for the time period of 1000 CE through 1784.
- Identify relationships between form and meaning in English literature in the time period of 1000 CE through 1784.
- Make connections among texts and historical, political, and cultural contexts.
- Recognize literary conventions and build a critical vocabulary with which to discuss and write about literature.
- Write clear, focused, coherent essays about literature for an academic audience using standard English conventions and grammar and style.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 205: Survey of English Literature

The second half of a two-course survey of British literature that includes English 204. English 205 introduces students to British literature from the 19th century to the present.

Instructors may choose an anthology, complete works, or a combination of both. The course will meet the requirements of a survey, emphasizing breadth over depth.

### Course Student Learning Outcomes

The students will:

- Explore basic critical approaches to texts of English literature for the time period of 1785 to the present.
- Identify relationships between form and meaning in English literature in the time period of 1785 to the present.
- Make connections among texts and historical, political, and cultural contexts.
- Recognize literary conventions and build a critical vocabulary with which to discuss and write about literature.
- Write clear, focused, coherent essays about literature for an academic audience using standard English conventions of grammar and style.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 207: World Literature - Asian (India)

Introduces students to Indian literature in English (for the most part, translated) from ancient to contemporary. May include such works and authors as hymns from the Rig Veda, The Ramayana, classical poetry, and the twentieth century authors Narayan, Ved Mehta and Arundhati Roy.

Instructors may choose an anthology, individual works, or a combination of both. The course will meet the requirements of a survey, emphasizing breadth over depth, as well as a mixture of classical and contemporary texts.

### Course Student Learning Outcomes

Upon completion of English 207 with a "C" or higher, students will be able to:

- Identify and discuss the ways Indian texts speak about and are influenced by history, language, caste, economics, religion, gender, regional differences, sexuality and culture.
- Analyze literary texts and recognize the limitations of such analysis, especially due to the challenges reading non-western texts in a predominantly western academic setting.
- Discuss multiple approaches to Indian texts, including those that illuminate how South Asians debate and understand their own literary and cinematic traditions.
- Apply the challenges and wisdom gained in reading South Asian texts to other intercultural encounters in academics, business, politics, and community.
- Write clear, focused, coherent essays about literature for an academic audience, using standard English conventions of grammar and style.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 208: World Literature - Asian (China)

Introduces Chinese literature translated into English, from the oldest texts (ca. 1000 BCE) to contemporary works. Includes poetry, fiction, nonfiction, drama, and film. Examines the cultural and historical importance of Confucianism, Daoism, and Buddhism on Chinese literature.

Instructors may choose an anthology, individual works, or a combination of both. The course will meet the requirements of a survey, emphasizing breadth over depth, as well as a mixture of classical and contemporary texts.

### Course Student Learning Outcomes

Upon completion of the course, students should be able to:

- Recognize differences between Chinese and Western concepts of literature and explain how these differences affect what we read and how we read it.
- Speak to the limits of translation, especially in regard to core Chinese concepts that have no equivalent concept in English.
- Distinguish the traditional literature of the bureaucratic class from traditional folk literature and recognize the cross influences of the two traditions.
- Read works of Chinese literature with an understanding of the cultural and historical importance of Confucianism, Daoism, and Buddhism.
- Write clear, focused, coherent essays about Chinese literature for an academic audience, using standard English conventions of grammar and style.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 209: World Literature - Asian (Japan)

Introduces a range of Japanese texts and films in order to explore the artistic, social, political, and historical characteristics of Japanese literature from the earliest poems to contemporary novels. Explores movements in literary and artistic traditions from multiple periods (e.g., Heian, Meiji) and analyzes how texts emphasize or resist the values of each historical moment. Considers issues of social class, religion, and aesthetics as they apply to creative works.

Instructors may choose an anthology, individual works, or a combination of both. The course will meet the requirements of a survey, emphasizing breadth over depth, as well as a mixture of classical and contemporary texts.

### Course Student Learning Outcomes

Upon completion of the course, students should be able to:

- Read Japanese literature and discuss the aesthetics of its periods (e.g. Heian, Muromachi, Edo, etc).
- Speak to the limitations of translation into English, particularly the fundamental challenge of language embedded value systems.
- Read Japanese literature with a knowledge of important religious concepts and historical events (e.g.. Shintoism, Buddhism, the policy of isolationism, the bombing of Hiroshima and Nagasaki, westernization, etc).
- Write literary analysis that demonstrates an awareness of the different style of thought available in the literature of Japan.
- Identify works of literature from classical Japanese writers and trace the continuation of their legacy in contemporary texts.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 212: Biography and Autobiography

Covers the study of biographies, autobiographies, memoirs, and journals as works of literature.

### Course Student Learning Outcomes

Upon completion of the course, students should be able to:

- Recognize the structures of biography and autobiography as distinct forms of literature.
- Compare and contrast the ways in which a perceiving, living individual (the "subject") is treated in biography, autobiography, and other literary genres such as poetry, fiction, and journalism.
- Recognize how an author's own ideology shapes reality in an autobiography or biography, including how it raises questions about truth, factuality, objectivity, and subjectivity.
- When reading, connect biographical and autobiographical texts to their historical and cultural contexts.
- Recognize the roles that argument, rhetoric, fiction, photography, aesthetics, and evidence play in the composing process of biography and autobiography.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.



### ENG 213: Latin American Literature

Explores fiction, creative non-fiction, poetry, drama, myth, and other texts from Latin America. Includes works from many cultures and ethnicities from Latin America, including indigenous peoples. All readings are in English.

### Course Student Learning Outcomes

By the end of the course, students should be able to:

- Read and discuss the literary forms and elements in a variety of texts ("texts" here is meant in its broadest sense and may include music, architecture, weaving, and visual arts).
- Compare and contrast the social, religious, political, economic, gender, generational, and environmental issues raised in these texts with those seen in the world at hand.
- Discuss how literary themes and metaphors express particular world views.
- Explore Otherness by studying the issues of identity and alienation present in the texts, describing the layers of identity portrayed through characters and cultures and paying particular attention to the creation and dissolution of various types of borders.
- Discuss the writers' explorations of the role of the storyteller in various Latin American and indigenous societies.
- Write clear, focused, coherent essays about literature for an academic audience, using standard English conventions of grammar and style.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 214: Literature of the Northwest

Studies fictional, factual, and poetic works by Northwest writers from before the arrival of Euro-Americans to the present. Emphasizes relationship between Northwest writing and Northwest social, cultural, and physical environment.

### Course Student Learning Outcomes

Upon completion of the course, students should be able to:

- Define "Northwest literature" in relation to the physical environments and cultures, both tribal and Euro-American, which have produced it and which are often its central subjects.
- Trace the social and environmental histories of the Northwest through its literature.
- Connect the literature of the Northwest to other arts practiced in the Northwest and to other literature produced in the rest of the United States at comparable periods.
- Write clear, focused, coherent essays about literature for an academic audience, using standard English conventions of grammar and style.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 216: Teen and Children's Literature

Explores a wide range of literature written for children and teens and introduces the history of this literature focusing on American and British writing as well as international and multicultural traditions. Examines the differences between literature for children and teens and literature for adults, the relationship between text and illustrations, and other issues and controversies concerning children's literature such as the didactic use of text and censorship.

### Course Student Learning Outcomes

- Use literary analysis to analyze and critique children's and teen's literature, reading familiar works with a fresh perspective and utilizing critiques and perspectives when communicating with others.
- Recognize and understand the ways in which literature for teens and children is generally created in a cultural and historic context that has influenced trends and uses of this literature in the past.
- Apply cultural and historic context to current uses and trends in order to further understand the influences these factors have on current publishing practices in these genres today.
- Write clearly about ideas and issues related to literature written for teens and children, identifying the variety of genres and historic trends as well as controversies surrounding these genres such as didactic applications and censorship.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 222: Images of Women in Literature

Explores images of women as they appear in a diverse range of texts from across a variety of cultures and historical periods. Focuses on how both men and women have imagined and represented femininity and femaleness in ways that can challenge, reinforce and/or reconfigure culturally-based perceptions, behaviors and practices.

### Course Student Learning Outcomes

Upon successful completion students will be able to:

- Appreciate the ways in which the text constructs images of women within diverse cultures and a variety of historical moments.
- Locate (find and place) representations of women within various literary traditions, conventions, and in relation to other forms of artistic expression.
- Recognize stylistic choices authors make within given forms and the ways they affect the creation of images of women in literature.
- Explore how form influences meaning in complex documents that invite multiple interpretation.
- Write clear, focused, coherent essays about literature for an academic audience using standard English conventions and style.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 230: Environmental Literature

Introduces texts that explore the relationship between people and their environments, both natural and built. Examines historical trends that have shaped thinking, understanding, and feelings about how humans and the natural world interact. Explores literary writings on issues of sustainability, environmental justice, ecological literacy, and a sense of place.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Identify, define, and evaluate kinds of environmental literature.
- Identify and explain the strategies which poets, novelists, essayists and other writers have used to address environmental questions.
- Use the methods of literary analysis and literary history to identify changing trends in environmental tropes and concerns.
- Apply an understanding of environmental literature to explain the interconnected environmental effects of everyday decisions we make as individuals and a culture.
- Critically examine the complex and interconnected relationship between human behavior and the environment through a lens of sustainability and the “triple bottom line” of people, planet, and profit.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 237: Working-Class Literature

Introduces U.S. and global literature by and/or about the working class.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Analyze literature to identify the differences and similarities in working-class experiences across time and national contexts.
- Identify recurring themes within working-class literature both within and across national contexts.
- Identify differences in style and form in working class literature that are shaped by national status, traditions, and/or cultures.
- Identify the variety of contexts—historical, cultural, sociological, and political—under which literature is produced and distributed.
- Produce critical, reflective, and/or creative writing about working-class literature.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 240: Introduction to Native American Literatures

Studies literary arts and cultural expressions by Native American authors. Considers Native American literatures in their national, historical, cultural, geographical, political, and legal contexts. Prioritizes Indigenous experience, worldview, and intellectual traditions in the study of Native literatures.

### Course Student Learning Outcomes

Upon completion of the course, students should be able to:

- Recognize the diversity and vitality of Native American experiences and expressions.
- Identify how a variety of Native literatures are influenced by the historical tensions between the United States and the Native peoples of this continent.
- Trace the incorporation of traditional Native stories or characters into the narrative production of contemporary writers.
- Recognize the influence of Indigenous languages, cultures, worldviews, legal histories, and intellectual traditions upon the literary productions of Native writers.
- Explain how various perceptions of Indigenous identity and nationhood shape Native literatures and scholarship.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 244: Introduction to Asian-American Literature

Studies writings in English by American writers of Chinese, Japanese, Korean, Vietnamese, Filipino, Pacific Islander, and other Asian ancestry. Considers the writings in their historical, cultural, political, and social contexts. Emphasizes development of attitudes, values, and identities.

### Course Student Learning Outcomes

Upon completion of the course, students should be able to:

- Recognize distinguishing characteristics of the various Asian-American literatures and relate the writings to their historical, cultural, and political contexts.
- Recognize the tensions in the writings between assimilationist attitudes and separatist attitudes, and between individual and representative presentations of Asian-American life.
- Explain how culturally based assumptions influence perceptions and behaviors in the writings, with particular attention to the function of stereotyped caricatures.
- Recognize the role of gender differences in writings produced by male Asian-American writers and by women Asian-American writers.
- Trace the incorporation of Asian folktales, stories, parables, proverbs, and other old-world literary material into Asian-American literatures.
- Recognize the role of audience, or intended readership, in the presentation of Asian-American life, and the assumptions about cultural differences the writers are making.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 250: Introduction to Folklore and Mythology

Develops a cross-cultural perspective on myths, mythologies and folklore from around the world. Explores different theories of the cultural meanings and functions of myth, past and present. Introduces various ways of interpreting and experiencing myth and folklore as texts with oral origins.

Instructors may choose an anthology with excerpts, complete works, or a combination of both. The assigned readings will cover a range and diversity of mythology and folklore.

### Course Student Learning Outcomes

Upon completion of ENG 250 with a "C" or higher, students should be able to:

- Recognize the essentially oral nature of myths and folklore and examine how the context of oral performance shapes the meaning of a story
- Discuss how a diverse range of specific myths function within the cultures that produce them
- Explore a variety of scholarly approaches to mythology and folklore
- Recognize recurring mythological themes and motifs in traditional myths and the arts
- Explore how the collection, transcription and interpretation of myths reflect a process of cultural struggle and historical patterns of domination and
- Write clear, focused, coherent essays about literature for an academic audience, using standard English conventions of grammar and style.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 253: American Literature to 1865

Introduces the literature of the land which is now the United States from before European contact through the mid-nineteenth century. Revolves around written manifestations of the various interests, preoccupations, and experiences of the peoples creating and recreating American culture. Considers various literary forms, canonized (such as novel, narrative poem), popular (such as the serialized tale, verse) and unpublished (the jeremiad, Native American oratory, the slave narrative, diary).

### Course Student Learning Outcomes

Upon successful students should be able to:

- Identify and discuss strengths, limitations, and cultural assumptions of various literary forms practiced in America through the mid-nineteenth century.
- Identify and discuss the roles which gender, race, age, class, ethnicity, wealth, poverty, and geography have played in creating American literature.
- Identify and discuss the issues, conflicts, preoccupations, and themes of the various literatures of America.
- Use literary texts to examine the historical, cultural, and rhetorical contexts in which they were written
- Identify and discuss aesthetic aspects of American literature, canonized (such as plot, characterization, and stanza forms), popular (parable structure, call and response, floral and architectural coding systems), and unpublished (mnemonics or oral literature, characteristics of military and women's journals and letters).
- Write clear, focused, coherent essays about literature for an academic audience, using standard English conventions of grammar and style.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 254: American Literature from 1865

Introduces students to the literature of the land which is now the United States from the mid-nineteenth century to the present. The course revolves around written manifestations of the various interests, preoccupations, and experiences of the peoples creating and recreating American culture.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Identify and discuss strengths, limitations, and cultural assumptions of various literary forms practiced in America through the mid-nineteenth century.
- Identify and discuss the roles which gender, race, age, class, ethnicity, wealth, poverty, and geography have played in creating American literature.
- Identify and discuss the issues, conflicts, preoccupations, and themes of the various literatures of America.
- Use literary texts to examine the historical, cultural, and rhetorical contexts in which they were written
- Identify and discuss aesthetic aspects of American literature, canonized (such as plot, characterization, and stanza forms), popular (parable structure, call and response, floral and architectural coding systems), and unpublished (mnemonics or oral literature, characteristics of military and women's journals and letters).
- Write clear, focused, coherent essays about literature for an academic audience, using standard English conventions of grammar and style.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 257: African-American Literature

Covers the major genres and authors of African-American literature from the period of slavery through the Harlem Renaissance.

Major topics include abolition, labor and conditions under slave bondage, reconstructing the black identity in the post-Emancipation Era and the Harlem Renaissance, protest against racist violence, racial passing and socioeconomic mobility, creation of a Black aesthetic.

## Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Recognize the importance of self-documentation as a means to claim the African-American identity.
- Examine the intersection of economics, history, culture, region, politics, religion, gender, and sexuality to African-American literature.
- Understand the legacy of the Trans-Atlantic Slave Trade to the African-American experience.
- Identify the relationship between African-American literary forms and Black vernacular (gospel, blues, jazz, sermons, stories, and the oral tradition).

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 258: African-American Literature

Introduces the literature of Americans whose roots are in Africa. Emphasizes the way contemporary political and social aspirations of African Americans are reflected in the literature of the periods from the Harlem Renaissance through the present.

Surveys the creative literature of black writers in the United States with special attention given to the social and symbolic environments from which they emerged, protest against racist violence, socioeconomic mobility, and creation of a modern day Black aesthetic.

### Course Student Learning Outcomes

Students should be able to:

- Analyze AfricanAmerican literature from the Harlem Renaissance to the present to identify themes about race, ethnicity, and culture and recognize the contribution of AfricanAmerican writers to recreate cultural identity.
- Examine the intersection of economics, history, culture, politics, religion, and gender to AfricanAmerican literature.
- Perform textual analysis by using literary terminology and theory to examine relationships between literary forms and themes.
- Identify the relationship between AfricanAmerican literary forms and Black vernacular (gospel, blues, jazz, sermons, stories, and the oral tradition).
- Write coherent academic essays that explore the complexity of the literature.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 260: Introduction to Women Writers

Explores women's writings and literary theory from diverse places and historical periods.

### Course Student Learning Outcomes

Upon successful completion students will be able to:

- Appreciate the role of gender in shaping texts as a product of particular cultures and historical moments, especially unfamiliar ones.
- Consider women's writing as a significant influence in the construction of individual and cultural experiences within specific historical contexts
- Observe elements of form, grammar, dialect, and various language devices as a means by which texts create meaning
- Challenge cultural norms and limits of analysis/criticism to create a richer experience of the texts, including multiple interpretations of the text as a complex fabric.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 261: Literature of Science Fiction

Explores the roots of science fiction as well as classic and modern works of science fiction and speculative literature. Introduces common themes in science fiction, the various ideological underpinnings of science fiction, and the way such literature comments on current issues in society and presents new ideas to society.

Course texts may include anthologies, collections, novels, magazines, or other works the instructor deems appropriate. Instructors may also include additional works from related or sub genres, such as fantasy, magical realism or cyber-punk, cinematic or video texts, and/or critical works about science fiction.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Recognize the elements common to science fiction that distinguish it from other genres and analyze science fiction works from various critical approaches using appropriate literary terminology.
- Create critical hypotheses about texts and argue for their validity using textual evidence.
- Analyze the ways in which science fiction reflects and distorts "reality" and the ideological arguments underlying its presentations.
- Explore the tradition of science fiction and discover ways in which authors have recognized the possibilities of the genre by examining a variety of modern and classic works.
- Examine different presentations in science fiction of gender, science and technology, governmental systems, culture, religion and ethnicity.
- Write clear, focused coherent essays about science fiction for an academic audience using standard English conventions of grammar and style.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 265: Literature of Social Protest

Develops an understanding of how the literature of social protest addresses issues of class oppression, economic inequality, racism, sexism, war, and peace. Engages theoretical questions about the relationship between politics and aesthetic expression, as well as the nature of literature in relation to social protest.

### Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Analyze and discuss texts from a range of genres in the literature of social protest (e.g. poetry, novels, films, nonfiction, songs, and multimedia).
- Identify persistent themes and their expressions in the literature of social protest (e.g. solidarity, systems of power, systems of social control, oppression and revolution).
- Articulate ways that the literature of social protest is embedded in historical and cultural forces.
- Identify relationships between historical moments of social protest and expressions of literary aesthetics.
- Produce critical, reflective, and/or creative writing about the literature of social protest.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.



### ENG 266: Literature of War

Introduces a range of international texts and films pertaining to war in order to explore the social, cultural, political, and historical conditions that have led to war, the experiences of those directly and indirectly involved in war, as well as its aftermath. Explores various perspectives, including those of combatants and their families, innocent victims, returning soldiers and veterans, and later generations. Explores the many complex questions about the evolving definitions of war; the morality of war; the roles of race, gender and religion in war; the roles of propaganda and anti-war movements; the ways in which wars are remembered and forgotten; and the possibilities for peace. Covers memoirs, fiction, poetry, literary nonfiction, graphic novels, documentaries and feature films created by both combatants and civilians.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Identify and discuss qualities of war literature and film, and the unique issues confronted by writers and readers alike when approaching this literature.
- Read/watch analytically to determine an author's/director's purpose, perspective and use of rhetorical strategies in creating a work of literature/film.
- Use international literary texts and films from a variety of perspectives to understand the wide range of experiences around war, and to engage in thoughtful discussion and self-reflection in the context of this understanding.
- Discuss the cultural and social differences that allow us to cast the "other" as an enemy in times of war and make peace-making break down.
- Write coherent and compelling essays that continue to explore the complex questions pertaining to the Literature of War.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 269: Wilderness Literature

Explores writings about wilderness and the natural world, giving attention to the relationship between nature and culture. Considers a variety of historical perspectives through essays, poetry, book-length nonfiction, novels, and film. Examines efforts to rethink the concept of wilderness with respect to law, gender, work, race, and the built environment (e.g., urban forests, gardens, farming) while addressing contemporary concerns for global environmental sustainability.

### Course Student Learning Outcomes

Upon successful completion, student should be able to:

- Use literary analysis to understand, critique, and discuss writings about wilderness and the natural world, recognizing important themes, concepts, and issues.
- Recognize how literature shapes and challenges our attitudes and actions towards nature—and how our ideas about the meaning of wilderness continue to evolve.
- Apply an understanding of wilderness literature to the vision of global environmental sustainability.
- Write clearly about the complex ideas and questions pertaining to the literature of wilderness and the natural world.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### ENG 275: The Bible as Literature

Explores the Bible as a literary text by discussing authorship, translation, literary forms, history, and cultural context. Discusses the Bible as a point of reference for literature as well as for other works of art.

The Bible as Literature examines the way stories, characters, and idioms of the Bible become allusions and metaphors in contemporary western literature and culture. ENG 275 applies the techniques and language of literary criticism to Biblical text. The course work may include the examination of a variety of translations of the Bible and the process of canonization. The course may examine not only books from the traditional canons but also from texts not typically included in the canon such as the Apocrypha and Gnostic texts.

### Course Student Learning Outcomes

Upon completing this course, students should be able to...

- Read the Bible with an understanding of its literary forms and conventions as well as its relationship to history and culture.
- Apply concepts of literary criticism (e.g., typology, archetype, parallelism, chiasmic structure) to a variety of writings including the Hebrew Bible, New Testament, and Apocryphal books.
- Recognize the Bible's lasting influence on other works of literature, art, music, and popular culture.
- Discuss and show familiarity with selected Bible texts as well as secondary biblical scholarship.
- Analyze a variety of English translations to understand the effects of translation from the original languages (Hebrew, Aramaic, Greek) on the meaning and interpretation of texts.
- Write coherent and compelling essays that begin to explore the complex questions pertaining to the Bible.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

## Environmental Studies

### ESR 171: Environmental Science: Biological Perspectives

Covers environmental topics that are primarily biological in nature. Includes human population issues, matter and energy resources, ecosystems, environmental ethics, and food and land resources. The associated laboratories will illustrate these topics and may include fieldwork.

#### Fieldwork Statement:

Fieldwork is a professional competence in many areas of Environmental Studies. Standard field practices include measurements of abiotic and biotic components in a variety of environmental conditions and habitat types. Fieldwork includes use of all the senses to make observations in natural and built environments. Field training may include developing skills in site characterization, application of key terms and concepts, species identification, and measurement and data collection using appropriate equipment. Fieldwork may include inherent risks (uneven terrain, off-trail work with map & compass, variable weather, insects, environmental irritants, travel, stress, etc.).

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Express graphically, orally or in writing, basic elements and functions of ecosystems.
- Identify and express interactions of humans and the environment.
- Utilize field and laboratory methods and technologies to measure and describe ecosystems.
- Demonstrate an understanding of ecosystem functioning and human effects upon ecosystems.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### ESR 172: Environmental Science: Chemical Perspectives

Covers environmental topics that are primarily chemical in nature. Includes air pollution, global warming, toxicology, risk assessment, water pollution, and hazardous waste. The associated laboratories will illustrate these topics and may include fieldwork.

#### Fieldwork Statement:

Fieldwork is a professional competence in many areas of Environmental Studies. Standard field practices include measurements of abiotic and biotic components in a variety of environmental conditions and habitat types. Fieldwork includes use of all the senses to make observations in natural and built environments. Field training may include developing skills in site characterization, application of key terms and concepts, species identification, and measurement and data collection using appropriate equipment. Fieldwork may include inherent risks (uneven terrain, off-trail work with map & compass, variable weather, insects, environmental irritants, travel, stress, etc.).

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Express graphically, orally or in writing, basic elements of chemistry in the environment.
- Identify and express interactions of humans and the environment.
- Utilize field and laboratory methods/technologies to measure and describe environmental factors.
- Demonstrate an understanding of environmental chemistry and human effects upon it.

Credits: 4

#### Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### ESR 173: Environmental Science: Geological Perspectives

Covers environmental topics that are primarily geological in nature. Includes geology basics, soil resources, hydrogeology, nonrenewable mineral and energy resources, perpetual energy resources, and solid waste. The associated laboratories will illustrate these topics and may include fieldwork.

#### Fieldwork Statement:

Fieldwork is a professional competence in many areas of Environmental Studies. Standard field practices include measurements of abiotic and biotic components in a variety of environmental conditions and habitat types. Fieldwork includes use of all the senses to make observations in natural and built environments. Field training may include developing skills in site characterization, application of key terms and concepts, species identification, and measurement and data collection using appropriate equipment. Fieldwork may include inherent risks (uneven terrain, off-trail work with map & compass, variable weather, insects, environmental irritants, travel, stress, etc.).

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Express graphically, orally or in writing, basic elements of environmental earth-sciences.
- Identify and express geological interactions of humans and the environment.
- Utilize field and laboratory methods/technologies to measure and describe environmental factors.
- Demonstrate an understanding of geologic time scales and processes.

Credits: 4

#### Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### ESR 298: Independent Study: Environmental Science

Provides an opportunity to perform research on a selected topic related to environmental science or environmental studies under the supervision of an instructor.

## Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Meet the outcomes or goals mutually agreed upon by the student and the instructor for this independent study course.
- Discover and understand the natural history of a field site.
- Use the scientific method including experimental design in the field, data collection, and presentations of results and conclusions.
- Make decisions based on evidence.
- Develop informed positions or opinions on contemporary issues.

Credits: 1-4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Instructor permission required. Equivalent placement test scores also accepted.

## Family and Human Service

### HUS 101: Introduction to Human Services

Introduces the history, scope and context of human services, including how the profession evolved. Includes a survey of the present conditions in the field, contemporary trends, issues, and outcomes of service delivery.

## Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Articulate the history and development of the human services profession.
- Identify the range of diverse populations served and needs addressed by human services.
- Examine the attitudes, skills, and knowledge needed in the human service field.

Credits: 3

### **HUS 102: Mental Health First Aid: Adult**

Provides key skills to help adults who are developing a mental health problem or experiencing a mental health crisis. Covers mental health literacy, including identifying, understanding, and responding to signs of mental illness.

Uses curriculum developed by Mental Health First Aid USA: [www.mentalhealthfirstaid.org](http://www.mentalhealthfirstaid.org). This course is delivered by a certified Mental Health First Aide USA instructor who completes training and meets certification requirements.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Recognize potential risk factors and warning signs for a range of mental health problems, including: depression, anxiety/trauma, psychosis and psychotic disorders, substance use disorders, and self-injury.
- Use 5-step action plan to help individuals in crisis connect with appropriate professional help.
- Examine the prevalence of various mental health disorders in the United States and the need for reduced stigma.
- Apply knowledge of appropriate professional, peer, social, and self-help resources available to help someone with a mental health problem treat and manage the problem and achieve recovery.
- Assess personal views and feelings about mental health problems and disorders.

**Credits: 1**

### **HUS 103: Introduction to Home Visiting**

Introduces the philosophy and practice of home visiting. Examines the strategies and issues of home visiting in a variety of contexts.

### **Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Identify best practices and effective strategies of home visiting.
- Apply an understanding of cultural competence to one's home visiting practice.

**Credits: 2**

### **HUS 104: Introduction to Trauma Informed Care**

Introduces the core principles of trauma informed care. Explores the types of trauma and the effect on clients and human service professionals.

### **Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Articulate a basic understanding of trauma informed care.
- Articulate the principles of trauma informed care.

**Credits: 1**

### **HUS 105: Introduction to Crisis Intervention**

Introduces a theoretical and practical approach to understanding crisis intervention. Addresses crisis intervention techniques and community resources.

### **Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Articulate an understanding of crisis intervention strategies.
- Explain available community resources to support individuals in crisis.

**Credits: 1**

### **HUS 121: Family and Human Systems**

Introduces the structure and dynamics of organizations, communities, and society as well as the nature of individuals and groups. Provides an understanding of human systems, including individual, interpersonal, group, family, organizational, community and societal.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Recognize how family structures and roles change in human systems.
- Examine major theories of human behavior in the social environment.
- Identify the organizational structures of families and communities, including the capacities, limitations and resiliency of human systems.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **HUS 131: Models and Systems of Human Service Delivery**

Explores the scope of conditions that promote or inhibit human functioning. Covers the range and characteristics of human services delivery systems, including populations served. Requires: 20 hours of Community Based Learning (CBL).

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Identify the range and characteristics of human service delivery systems and organizations.
- Identify the range of populations served and the needs addressed by human services.
- Articulate the major models of human services used to conceptualize and integrate prevention, maintenance, intervention, rehabilitation, and healthy functioning.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **HUS 141: Direct Service Methods**

Introduces theory, knowledge, and skills needed to provide direct services and appropriate interventions to clients and client groups. Covers major methods of direct service delivery, including interviewing, group facilitation, and crisis intervention.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Identify theories of prevention, intervention, and maintenance in human services.
- Apply skills to facilitate appropriate direct services and interventions related to client groups, including intake interviewing, group facilitation, and crisis intervention.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## **Food & Nutrition**

### **FN 110: Personal Nutrition**

Explores personal food habits and beliefs. Emphasizes practical application of nutrition knowledge to enhance general health. Includes analyzing one's present diet and evaluating it according to latest nutritional guidelines. Covers basic nutrition and little or no science background is necessary to succeed.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Use credible nutrition information to promote individual and community health.
- Apply nutrition principles to implement and follow a healthy and sustainable eating plan.

**Credits:** 3

### **FN 225: Nutrition**

Introduces components of an adequate diet, nutrient availability and utilization. Analyze dietary intake and compare to current scientific guidelines. Examines peripheral factors influencing diet such as global and local issues, cultural environment, and elements of food safety. Strong background in life sciences recommended.

### **Course Student Learning Outcomes**

Understand major functions, characteristics and food sources of nutrients and connect pertinent factors between an individual's lifestyle and diet in order to choose foods that will provide a varied, adequate diet.

**Credits:** 4

**Prerequisites:**

[WR 121](#)

[MTH 60](#)

[BI 112](#)

MTH 60 or higher accepted.

## General Science

### GS 106: Physical Science (Geology)

Covers minerals, rocks, volcanism, earthquakes, plate tectonics, erosion and deposition by wind, glaciers and streams, weathering, fossils and geologic history. Includes weekly lab.

#### Addendum to Course Description

The purpose of this course is to gain knowledge and appreciation of geology through lecture/discussion sessions and laboratory experiences. It is a one-term survey course that may be included as part of the years sequence in physical science for college transfer credit.

The course will have as many of the following components as feasible: lectures, discussions, lab activities, videos, slides, CDs, live television, field trips, and computer-aided instruction.

The text and materials for the course have been chosen by the faculty, and viewpoints shall be that of the author(s). This includes the topics of relativity, the geologic time scale, evolution of the Earth and its atmosphere, the solar system, the galaxy, and the universe.

Regarding the teaching of basic scientific principles (such as geologic time and the theory of evolution), Oregon Coast Community College affirms the following statements about what constitutes science.

1. Science is a non-dogmatic and self-correcting investigatory process. A scientific theory is neither a guess, dogma, nor myth. Instead, theories are explanations for natural phenomena based on a preponderance of evidence. Theories developed through scientific investigation are not decided in advance but can be and often are revised through observation and experimentation.
2. The theory of evolution meets the criteria of a scientific theory. In contrast, "creation science," "intelligent design," or similar designations are neither self-examining nor investigatory. "Creation science" is not considered a legitimate science, but a form of religious advocacy and pseudoscience. This position is established by legal precedence (Webster v. New Lenox School District #122, 917 F.2d 1004).
3. Geology/General Science instructors at Oregon Coast Community College will teach the basic geologic principles (such as geologic time and the theory of evolution) not as absolute truth, but as the most widely accepted explanation for our



observations of the world around us. Instructors will not teach that "creation science" is anything other than pseudoscience.

4. Because "creation science", "scientific creationism", and "intelligent design", and similar designations are essentially religious doctrines that are at odds with open scientific inquiry, Oregon Coast Community College stands with such organizations such as the National Association of Geoscience Teachers, the American Geophysical Union, the Geological Society of America, and the American Geological Institute in excluding these doctrines from our science curriculum.

Students are expected to be able to read and comprehend college-level science texts and perform basic mathematical operations to successfully complete this course.

## Course Student Learning Outcomes

A student who successfully completes this course should be able to:

- Use an understanding of the rock cycle, plate tectonics and surface processes to explain how the Earth's surface wears away and is renewed.
- Use an understanding of geologic dating methods and the interpretation of geologic deposits to explain how geologists reconstruct the history of the Earth.
- Access earth science information from a variety of sources, evaluate the quality of this information, and compare this information with current models of geologic processes identifying areas of congruence and discrepancy.
- Make field and laboratory based observations and measurements of earth materials and landscapes, use scientific reasoning to interpret these observations and measurements, and compare the results with current models of geologic processes identifying areas of congruence and discrepancy.
- Use scientifically valid modes of inquiry, individually and collaboratively, to critically evaluate the hazards and risks posed by geologic processes both to themselves and society as a whole, evaluate the efficacy of possible ethically robust responses to these risks, and effectively communicate the results of this analysis to their peers.
- Assess the contributions of geology to our evolving understanding of global change and sustainability while placing the development of geology in its historical and cultural context.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 65](#)

Equivalent placement test scores also accepted.

### GS 107: Physical Science (Astronomy)

Surveys astronomy to include historical development of the universe, Earth as a planet, Earth's moon, planets of the solar system, the sun, stars, and galaxies. Includes a weekly lab.

## Course Student Learning Outcomes

A student who successfully completes this course should be able to:

- Use an understanding of solar system models to explain the motions and phases of astronomical objects visible to the naked eye in the night sky.
- Use an understanding of planetary, stellar, galactic and universe scale astronomical processes to assess the possibility of life existing elsewhere in the universe.
- Access space science information from a variety of sources, evaluate the quality of this information, and compare this information with current models of astronomical processes identifying areas of congruence and discrepancy.
- Make field and laboratory based observations and measurements of astronomical phenomena, use scientific reasoning to interpret these observations and measurements, and compare the results with current astronomical models identifying areas of congruence and discrepancy.
- Use scientifically valid modes of inquiry, individually and collaboratively, to critically evaluate the hazards and risks posed by astronomical processes both to themselves and society as a whole, evaluate the efficacy of possible ethically robust responses to these risks, and effectively communicate the results of this analysis to their peers.
- Assess the contributions of astronomy to our evolving understanding of global change and sustainability while placing the development of astronomy in its historical and cultural context.

**Credits:** 4

**Prerequisites:**

WR 115

RD 115

MTH 65

Equivalent placement test scores also accepted.

### GS 108: Physical Science (Oceanography)

Explores the chemical, biological, physical, and geological nature of the oceans. Includes a weekly lab.

## Addendum to Course Description

The purpose of this course is to develop an understanding of the chemical, biological, physical, and geological processes related to the ocean, and include historical perspectives. It is a one-term survey course that may be included as part of the year's sequence in physical science for college transfer credit. The course will have as many of the following components as feasible: lectures, discussions, lab activities, videos, CDs, slides, and computer aided instruction. It is necessary to successfully complete the lab part of the course in order to pass the course.

The faculty has chosen the text and lab materials and the viewpoints shall be that of the author(s). This includes the topics of relativity, the geologic time scale, and the evolution of the Earth, solar system, and the galaxy and universe.

Regarding the teaching of basic scientific principles (such as geologic time and the theory of evolution), Oregon Coast Community College affirms the following statements about what constitutes science.

- Science is a non-dogmatic and self-correcting investigatory process. A scientific theory is neither a guess, dogma, nor myth. Instead, theories are explanations for natural phenomena based on a preponderance of evidence. Theories developed through scientific investigation are not decided in advance but can be and often are revised through observation and experimentation.
- The theory of evolution meets the criteria of a scientific theory. In contrast, "creation science," "intelligent design," or similar designations are neither self-examining nor investigatory. "Creation science" is not considered a legitimate science, but a form of religious advocacy and pseudoscience. This position is established by legal precedence (Webster v. New Lenox School District #122, 917 F.2d 1004).
- Geology/General Science instructors at Oregon Coast Community College will teach the basic geologic principles (such as geologic time and the theory of evolution) not as absolute truth, but as the most widely accepted explanation for our observations of the world around us. Instructors will not teach that "creation science" is anything other than pseudoscience.

- Because "creation science", "scientific creationism", and "intelligent design", and similar designations are essentially religious doctrines that are at odds with open scientific inquiry, Oregon Coast Community College stands with such organizations such as the National Association of Geoscience Teachers, the American Geophysical Union, the Geological Society of America, and the American Geological Institute in excluding these doctrines from our science curriculum.

Students are expected to be able to read and comprehend college-level science texts and perform basic mathematical operations to successfully complete this course.

## Course Student Learning Outcomes

A student who successfully completes this course should be able to:

- Use an understanding of waves, tides, and coastal processes to explain the development and functioning of beaches, shorelines and estuaries.
- Use an understanding of ocean structure and processes to explain the spatial and temporal distribution of biological productivity in the world ocean.
- Access ocean science information from a variety of sources, evaluate the quality of this information, and compare this information with current models of ocean processes identifying areas of congruence and discrepancy.
- Make field and laboratory based observations and measurements of ocean materials and marine processes, use scientific reasoning to interpret these observations and measurements, and compare the results with current models of ocean processes identifying areas of congruence and discrepancy.
- Use scientifically valid modes of inquiry, individually and collaboratively, to critically evaluate the hazards and risks posed by ocean processes both to themselves and society as a whole, evaluate the efficacy of possible ethically robust responses to these risks, and effectively communicate the results of this analysis to their peers.
- Assess the contributions of oceanography to our evolving understanding of global change and sustainability while placing the development of oceanography in its historical and cultural context.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 65](#)

Equivalent placement test scores also accepted.

### GS 109: Physical Science (Meteorology)

Covers characteristics of our atmosphere including air pressure and winds, atmospheric moisture, large air masses, violent storms, climates, and the effect of oceans on weather. Includes a weekly lab.

#### Addendum to Course Description

The purpose of this course is to develop an understanding of our atmosphere, weather, and climate, including historical perspectives. It is a one-term survey course that may be included as part of the year's sequence in physical science for college transfer credit.

The course will have as many of the following components as feasible: lectures, discussions, lab activities, videos, CD's, slides, live television and computer reports, and computer-aided instruction. It is necessary to successfully complete the lab part of the course in order to pass the course.

The text and materials for this course have been chosen by the faculty and viewpoints shall be that of the author(s). This includes the topics of relativity, the geologic time scale, evolution of the Earth and its atmosphere, the solar system, the galaxy and the universe.

Regarding the teaching of basic scientific principles (such as geologic time and the theory of evolution), Oregon Coast Community College affirms the following statements about what constitutes science.

- Science is a non-dogmatic and self-correcting investigatory process. A scientific theory is neither a guess, dogma, nor myth. Instead, theories are explanations for natural phenomena based on a preponderance of evidence. Theories developed through scientific investigation are not decided in advance but can be and often are revised through observation and experimentation.
- The theory of evolution meets the criteria of a scientific theory. In contrast, "creation science," "intelligent design," or similar designations are neither self-examining nor investigatory. "Creation science" is not considered a legitimate science, but a form of religious advocacy and pseudoscience. This position is established by legal precedence (*Webster v. New Lenox School District #122*, 917 F.2d 1004).
- Geology/General Science instructors at Oregon Coast Community College will teach the basic geologic principles (such as geologic time and the theory of evolution) not as absolute truth, but as the

most widely accepted explanation for our observations of the world around us. Instructors will not teach that "creation science" is anything other than pseudoscience.

- Because "creation science", "scientific creationism", and "intelligent design", and similar designations are essentially religious doctrines that are at odds with open scientific inquiry, Oregon Coast Community College stands with such organizations such as the National Association of Geoscience Teachers, the American Geophysical Union, the Geological Society of America, and the American Geological Institute in excluding these doctrines from our science curriculum.

Students are expected to be able to read and comprehend college-level science texts and perform basic mathematical operations to successfully complete this course.

### Course Student Learning Outcomes

A student who successfully completes this course should be able to:

- Use an understanding of atmospheric processes to elucidate the practice of weather prediction.
- Use an understanding of atmospheric structure and global circulation to explain the climates of the Earth.
- Access atmosphere science information from a variety of sources, evaluate the quality of this information, and compare this information with current models of meteorological processes identifying areas of congruence and discrepancy.
- Make field and laboratory based observations and measurements of the atmosphere, weather, and climate, use scientific reasoning to interpret these observations and measurements, and compare the results with current models of meteorological processes identifying areas of congruence and discrepancy.
- Use scientifically valid modes of inquiry, individually and collaboratively, to critically evaluate the hazards and risks posed by meteorological processes both to themselves and society as a whole, evaluate the efficacy of possible ethically robust responses to these risks, and effectively communicate the results of this analysis to their peers.

- Assess the contributions of meteorology to our evolving understanding of global change and sustainability while placing the development of meteorology in its historical and cultural context.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 65](#)

Equivalent placement test scores also accepted.

## Geography

### GEO 106: World Regional Geography

Examines the human, cultural, and environmental geographic issues that shape the world's regions. Includes information on spatial patterns of economic development, natural resource uses, international trade, population and migration, transportation, and cultural landscapes. Analyzes each region as part of the larger global community, with a specific emphasis on current issues and trends.

### Course Student Learning Outcomes

Upon successful completion students will be able to:

- Discuss in an informed way how geographic concepts and theories explain current world events, world issues and daily events.
- Explore and reflect on one's role and responsibilities in an increasingly globalized world, specifically as part of a technological, commerce-driven culture.
- Analyze human, cultural, and environmental processes that shape the world's cultural regions in order to be an informed and active global citizen.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### GEO 206: Geography of Oregon

Explores the various historical, social, economic, physical, and geographic factors that have contributed to the modern Oregon landscape. Delineates the major cultural and physical divisions within Oregon, in order to better understand the state's significant diversity. Emphasizes current issues and trends, and places the growth of Oregon into context with regional and national growth patterns.

### Course Student Learning Outcomes

Upon successful completion of Geography 206 the student will be able to:

- Analyze how Oregonians interact with modern-day landscapes based on Oregon's physical environment.
- Evaluate how changing cultural, social, and economic characteristics of Oregon effect public policy, urban growth, and the physical environment.
- Be a more educated consumer and more informed citizen through a deeper understanding of how Oregon's economic development is being shaped by local, national, and even global factors.
- Participate in local decisions about land use policy, urban growth, and economic development.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

# Geology

## **G 160: Geology: Oregon Coast**

Designed to introduce the relationships between the biology and geology of the Oregon Coast.

### **Addendum to Course Description**

Geology: Oregon Coast (G160) is a one-term course that explores the geologic history of the Oregon Coast and the relationships between geology and the plants and animals of the Oregon Coast. Students will go on a three-day field trip around the Oregon Coast to get hands-on experience of concepts covered in the lecture portion of the class.

Students are expected to be able to read and comprehend college-level science texts and perform basic mathematical operations in order to successfully complete this course.

### **Field Based Learning Statement**

Earth and space sciences are based on observations, measurements and samples collected in the field. Field-based learning is recommended by numerous professional Geology organizations, including the American Geological Institute and the National Association of Geoscience Teachers. Field-based learning improves both metacognition and spatial/visualization abilities while helping to transfer basic concepts to long-term memory by engaging multiple senses at the same time. Spatial thinking is critical to success in STEM (Science, Technology, Engineering, and Math) disciplines. Field work may include:

1. Developing skills in site characterization.
2. Application of key terms and concepts.
3. Measurement and data collection.
4. Interpretation of data and observations, and fitting them to a larger context.

Field work may be physically challenging and may require overland travel on foot or other means to field sites, carrying equipment and supplies, and making measurements in unusual or awkward positions for a length of time. Field work may include inherent risks (uneven terrain, variable weather, insects, environmental irritants, travel stress, etc.). Field work can be adapted to individual abilities.

### **Evolution Statement**

Regarding the teaching of basic scientific principles (such as geologic time and the theory of evolution), Oregon Coast Community College affirms the following statements about what constitutes science.

- Science is a non-dogmatic and self-correcting investigatory process. A scientific theory is neither a guess, dogma, nor myth. Instead, theories are explanations for natural phenomena based on a preponderance of evidence. Theories developed through scientific investigation are not decided in advance but can be and often are revised through observation and experimentation.
- The theory of evolution meets the criteria of a scientific theory. In contrast, "creation science," "intelligent design," or similar designations are neither self-examining nor investigatory. "Creation science" is not considered a legitimate science, but a form of religious advocacy and pseudoscience. This position is established by legal precedence (*Webster v. New Lenox School District #122*, 917 F.2d 1004).
- Geology/General Science instructors at Oregon Coast Community College will teach the basic geologic principles (such as geologic time and the theory of evolution) not as absolute truth, but as the most widely accepted explanation for our observations of the world around us. Instructors will not teach that "creation science" is anything other than pseudoscience.
- Because "creation science", "scientific creationism", and "intelligent design", and similar designations are essentially religious doctrines that are at odds with open scientific inquiry, Oregon Coast Community College stands with such organizations such as the National Association of Geoscience Teachers, the American Geophysical Union, the Geological Society of America, and the American Geological Institute in excluding these doctrines from our science curriculum.

Credits: 2

## Course Student Learning Outcomes

After completion of this course, students will:

- Apply an understanding of basic ecological principles to the plant and animal species living on the Oregon Coast to appreciate the complexity of factors that influence the "web of life" and our place within it.
- Apply a basic knowledge of geological processes that formed this region to the impact this geology has on the biological organisms found here.
- Use scientific field research equipment.
- Communicate effectively orally and in writing.
- Successfully apply basic geological concepts in future coursework.

## G 184: Global Climate Change

Covers characteristics of Earth's climate system. Includes the atmosphere, ocean, biosphere, and solid Earth as well as past, present, and future climate change and future mitigation and adaptation efforts. Includes a weekly lab.

### Addendum to Course Description

The purpose of this course is to develop an understanding of Earth's climate system and climate change, including historical perspectives. This one-term survey course may be used to partly fulfill General Education graduation requirements for the Associate Degree, and has been approved for block transfer.

Students are expected to be able to read and comprehend college-level science texts and perform basic mathematical operations to successfully complete this course.

### Field Based Learning Statement

Earth and space sciences are based on observations, measurements and samples collected in the field. Field-based learning is recommended by numerous professional Geology organizations, including the American Geological Institute and the National Association of Geoscience Teachers. Field-based learning improves both metacognition and spatial/visualization abilities while helping to transfer basic concepts to long-term memory by engaging multiple senses at the same time. Spatial thinking is critical to success in STEM (Science, Technology, Engineering, and Math) disciplines. Field work may include:

1. Developing skills in site characterization.
2. Application of key terms and concepts.
3. Measurement and data collection.
4. Interpretation of data and observations, and fitting them to a larger context.

Field work may be physically challenging and may require overland travel on foot or other means to field sites, carrying equipment and supplies, and making measurements in unusual or awkward positions for a length of time. Field work may include inherent risks (uneven terrain, variable weather, insects, environmental irritants, travel stress, etc.). Field work can be adapted to individual abilities.

### Evolution Statement

Regarding the teaching of basic scientific principles (such as geologic time and the theory of evolution), Oregon Coast Community College affirms the following statements about what constitutes science.

- Science is a non-dogmatic and self-correcting investigatory process. A scientific theory is neither a guess, dogma, nor myth. Instead, theories are explanations for natural phenomena based on a preponderance of evidence. Theories developed through scientific investigation are not decided in advance but can be and often are revised through observation and experimentation.
- The theory of evolution meets the criteria of a scientific theory. In contrast, "creation science," "intelligent design," or similar designations are neither self-examining nor investigatory. "Creation science" is not considered a legitimate science, but a form of religious advocacy and pseudoscience. This position is established by legal precedence (Webster v. New Lenox School District #122, 917 F.2d 1004).
- Geology/General Science instructors at Oregon Coast Community College will teach the basic geologic principles (such as geologic time and the theory of evolution) not as absolute truth, but as the most widely accepted explanation for our observations of the world around us. Instructors will not teach that "creation science" is anything other than pseudoscience.
- Because "creation science", "scientific creationism", and "intelligent design", and similar designations are essentially religious doctrines that are at odds with open scientific inquiry, Oregon Coast Community College stands with such organizations such as the National Association of Geoscience Teachers, the American Geophysical Union, the Geological Society of America, and the American Geological Institute in excluding these doctrines from our science curriculum.

## Course Student Learning Outcomes

After taking this course, students should be able to:

- Use an Earth system perspective that includes the atmosphere, hydrosphere, solid earth, and biosphere to explain past, present, and future global climate patterns.
- Identify both human and non-human forcing's on the climate system and the system response to these forcing's including possible feedback mechanisms.



- Use real data to document climate change impacts both globally and in the Pacific Northwest and link these changes to the current scientific understanding of climate change.
- Make field, laboratory and web-based observations and measurements of climate, use scientific reasoning to interpret these observations and measurements, and compare the results with current models of the climate system identifying areas of congruence and discrepancy.
- Access climate science information from a variety of sources, evaluate the quality of this information, and critically compare this information with current models of the climate system.
- Use scientifically valid modes of inquiry, individually and collaboratively, to critically assess the hazards and risks posed by climate change, to themselves and society, and evaluate the efficacy of ethically robust responses to these risks.
- Communicate effectively about Earth's changing climate, its impacts, and possible responses from an Earth System perspective.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## **G 200F: Geology Field Studies: Pacific Northwest Coast**

Introduces basic geology concepts through lecture and a field trip in the vicinity of the Pacific Northwest Coast.

### **Addendum to Course Description**

Geology Field Studies: Pacific Northwest Coast (G 200F) is a one credit course designed to engage students with the earth sciences by examining the geology of the Pacific Northwest Coast area. The course consists of a one day field trip buttressed by supporting lectures that introduce aspects of geology as needed to explain the geology of the Pacific Northwest Coast area. This course can be used to partly fulfill graduation requirements for the Associate Degree.

Students are expected to be able to read and comprehend college-level science texts and perform basic mathematical operations in order to successfully complete this course.

### **Field Based Learning Statement**

Earth and space sciences are based on observations, measurements and samples collected in the field. Field-based learning is recommended by numerous professional Geology organizations, including the American Geological Institute and the National Association of Geoscience Teachers. Field-based learning improves both metacognition and spatial/visualization abilities while helping to transfer basic concepts to long-term memory by engaging multiple senses at the same time. Spatial thinking is critical to success in STEM (Science, Technology, Engineering, and Math) disciplines. Field work may include:

1. Developing skills in site characterization.
2. Application of key terms and concepts.
3. Measurement and data collection.
4. Interpretation of data and observations, and fitting them to a larger context.

Field work may be physically challenging and may require overland travel on foot or other means to field sites, carrying equipment and supplies, and making measurements in unusual or awkward positions for a length of time. Field work may include inherent risks (uneven terrain, variable weather, insects, environmental irritants, travel stress, etc.). Field work can be adapted to individual abilities.

### **Evolution Statement**

Regarding the teaching of basic scientific principles (such as geologic time and the theory of evolution), Oregon Coast Community College affirms the following statements about what constitutes science.

- Science is a non-dogmatic and self-correcting investigatory process. A scientific theory is neither a guess, dogma, nor myth. Instead, theories are explanations for natural phenomena based on a preponderance of evidence. Theories developed through scientific investigation are not decided in advance but can be and often are revised through observation and experimentation.
- The theory of evolution meets the criteria of a scientific theory. In contrast, "creation science," "intelligent design," or similar designations are neither self-examining nor investigatory. "Creation science" is not considered a legitimate science, but a form of religious advocacy and pseudoscience. This position is established by legal precedence (*Webster v. New Lenox School District #122*, 917 F.2d 1004).
- Geology/General Science instructors at Oregon Coast Community College will teach the basic geologic principles (such as geologic time and the theory of evolution) not as absolute truth, but as the most widely accepted explanation for our observations of the world around us. Instructors will not teach that "creation science" is anything other than pseudoscience.
- Because "creation science", "scientific creationism", and "intelligent design", and similar designations are essentially religious doctrines that are at odds with open scientific inquiry, Oregon Coast Community College stands with such organizations such as the National Association of Geoscience Teachers, the American Geophysical Union, the Geological Society of America, and the American Geological Institute in excluding these doctrines from our science curriculum.

- connect current coastal hazard assessments and land use concerns of the Pacific Northwest Coast region to the geography and geologic history of the Pacific Northwest Coast region.
- communicate geologic concepts effectively using maps and diagrams in written and/or oral formats.

**Credits:** 1

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## Course Student Learning Outcomes

Upon completing this course, students should be able to:

- narrate a geologic history of the Pacific Northwest Coast region by combining site specific content knowledge with limited field observations and experiences within the Pacific Northwest Coast region.

**G 200G: Geology Field Studies Columbia River Gorge**  
Introduces basic concepts in geology through lecture and a field trip in the vicinity of the Columbia River Gorge. Prior geology experience recommended. Prerequisites

### Addendum to Course Description

Geology Field Studies: Columbia River Gorge (G 200G) is a one credit course designed to engage students with the earth sciences by examining the geology of the Columbia River Gorge area. The course consists of a one day field trip buttressed by supporting lectures that introduce aspects of geology as needed to explain the geology of the Columbia River Gorge area. This course can be used to partly fulfill graduation requirements for the Associate Degree.

Students are expected to be able to read and comprehend college-level science texts and perform basic mathematical operations in order to successfully complete this course.

### Field Based Learning Statement

Earth and space sciences are based on observations, measurements and samples collected in the field. Field-based learning is recommended by numerous professional Geology organizations, including the American Geological Institute and the National Association of Geoscience Teachers. Field-based learning improves both metacognition and spatial/visualization abilities while helping to transfer basic concepts to long-term memory by engaging multiple senses at the same time. Spatial thinking is critical to success in STEM (Science, Technology, Engineering, and Math) disciplines. Field work may include:

1. Developing skills in site characterization.
2. Application of key terms and concepts.
3. Measurement and data collection.
4. Interpretation of data and observations, and fitting them to a larger context.

Field work may be physically challenging and may require overland travel on foot or other means to field sites, carrying equipment and supplies, and making measurements in unusual or awkward positions for a length of time. Field work may include inherent risks (uneven terrain, variable weather, insects, environmental irritants, travel stress, etc.). Field work can be adapted to individual abilities.

### Evolution Statement

Regarding the teaching of basic scientific principles (such as geologic time and the theory of evolution), Oregon Coast Community College affirms the following statements about what constitutes science.

- Science is a non-dogmatic and self-correcting investigatory process. A scientific theory is neither a guess, dogma, nor myth. Instead, theories are explanations for natural phenomena based on a preponderance of evidence. Theories developed through scientific investigation are not decided in advance but can be and often are revised through observation and experimentation.
- The theory of evolution meets the criteria of a scientific theory. In contrast, "creation science," "intelligent design," or similar designations are neither self-examining nor investigatory. "Creation science" is not considered a legitimate science, but a form of religious advocacy and pseudoscience. This position is established by legal precedence (Webster v. New Lenox School District #122, 917 F.2d 1004).
- Geology/General Science instructors at Oregon Coast Community College will teach the basic geologic principles (such as geologic time and the theory of evolution) not as absolute truth, but as the most widely accepted explanation for our observations of the world around us. Instructors will not teach that "creation science" is anything other than pseudoscience.
- Because "creation science", "scientific creationism", and "intelligent design", and similar designations are essentially religious doctrines that are at odds with open scientific inquiry, Oregon Coast Community College stands with such organizations such as the National Association of Geoscience Teachers, the American Geophysical Union, the Geological Society of America, and the American Geological Institute in excluding these doctrines from our science curriculum.

### Course Student Learning Outcomes

Upon completing this course, students should be able to:

- narrate a geologic history of the Columbia River Gorge region by combining site specific content knowledge with limited field observations and experiences within the Columbia River Gorge region.

- connect current hazard assessments and environmental concerns affecting the Columbia River Gorge region to the geography and geologic history of the Columbia River Gorge region.
- communicate geologic concepts effectively using maps and diagrams in written and/or oral formats

**Credits:** 1

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## **G 201: Earth Materials and Tectonics**

Introduces physical geology which deals with minerals, rocks, internal structure of the earth, and plate tectonics. Includes a weekly lab.

Physical Geology G201 is intended for both geology majors and nonmajors, and is the first term of a year of beginning college geology. Physical Geology is concerned with earth materials and geologic processes acting on the earth. G201 deals mainly with rocks and minerals, and introduces students to internally-driven geologic processes. This course can be used to partly fulfill graduation requirements for the Associate Degree, and has been approved for block transfer. The text and materials have been chosen by the faculty and the emphasis of the course will be the viewpoint of the author(s). This includes the concepts of geologic time and the evolution of the Earth.

## **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Use an understanding of rock and mineral characterization and classification to infer the geologic processes which formed individual rock and mineral specimens.
- Analyze the development, scope, and limitations of plate tectonics and utilize plate tectonics to explain the Earth's earthquake and volcanic activity as well as the occurrence of common rocks, minerals, and economic deposits.
- Access earth science information from a variety of sources, evaluate the quality of this information, and compare this information with current models of solid earth processes, identifying areas of congruence and discrepancy.
- Make field and laboratory-based observations and measurements of rocks and minerals and/or Earth's internal process, use scientific reasoning to interpret these observations and measurements, and compare the results with current models of solid earth processes identifying areas of congruence and discrepancy.
- Use scientifically valid modes of inquiry, individually and collaboratively, to critically evaluate the hazards and risks posed by volcanoes and earthquakes both to themselves and society as a whole, evaluate the efficacy of possible ethically

robust responses to these hazards and risks, and effectively communicate the results of this analysis to their peers.

- Assess the contributions of physical geology to our evolving understanding of global change and sustainability while placing the development of physical geology in its historical and cultural context.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 95](#)

[MTH 98](#)

Equivalent placement test scores also accepted. MTH 95 or MTH98 accepted.

## **G 202: Earth Surface Processes**

Introduces physical geology which deals with mass wasting, streams, glaciers, deserts, beaches, groundwater, and use of topographic maps. Includes a weekly lab.

Physical Geology G202 is intended for both geology majors and non-majors, and is the second term of a year of beginning college geology. Physical Geology is concerned with earth materials and geologic processes acting on the earth. G202 deals mainly with surficial geologic processes. This course can be used to partly fulfill graduation requirements for the Associate Degree, and has been approved for block transfer. The text and materials have been chosen by the faculty and the emphasis of the course will be the viewpoint of the author(s). This includes the concepts of geologic time and the evolution of the Earth.

## **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Use an understanding of landform characterization and classification to infer the geologic processes which formed specific landforms.
- Analyze how earth materials, uplift, subsidence, erosion, transport, deposition, climate, biological activity, and time interact to create landscapes.
- Access earth science information from a variety of sources, evaluate the quality of this information, and compare this information with current models of earth surface processes, identifying areas of congruence and discrepancy.
- Make field and laboratory-based observations and measurements of landforms and/or surface processes, use scientific reasoning to interpret these observations and measurements, and compare the results with current models of earth surface processes identifying areas of congruence and discrepancy.
- Use scientifically valid modes of inquiry, individually and collaboratively, to critically evaluate the hazards and risks posed by flooding, slope processes and coastal erosion both to themselves and society as a whole, evaluate the efficacy of possible ethically robust responses to these hazards and risks, and effectively communicate the results of this analysis to their peers.
- Assess the contributions of physical geology to our evolving understanding of global change and

sustainability while placing the development of physical geology in its historical and cultural context.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 95](#)

[MTH 98](#)

Equivalent placement test scores also accepted. MTH 95 or MTH98 accepted.

### **G 203: Evolution of Planet Earth**

Introduces historical geology which deals with geologic time, fossils, stratigraphic principles, and the geologic history of the North American continent. Includes a weekly lab.

Historical Geology is intended for both geology majors and non-majors, and is the third term of a year of beginning college geology. This course can be used to partly fulfill graduation requirements for the Associate Degree, and has been approved for block transfer. The text and materials have been chosen by the faculty and the emphasis of the course will be the viewpoint of the author(s). This includes the concepts of geologic time and the evolution of the Earth.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Use an understanding of sedimentary rock and fossil characterization and classification to infer the past environments recorded in specific geologic areas.
- Analyze how relative and absolute dating have been used to construct and refine the geological time scale.
- Use their understanding of earth systems and biological evolution to explain major events in the geologic record.
- Access earth science information from a variety of sources, evaluate the quality of this information, and compare this information with current models of earth history, identifying areas of congruence and discrepancy.
- Make field and laboratory-based observations and measurements of landscapes, rocks and fossils, use scientific reasoning to interpret these observations and measurements, and compare the results with of current models of earth history, identifying areas of congruence and discrepancy.
- Assess the contributions of historical geology to our evolving understanding of global change and sustainability while placing the development of historical geology in its historical and cultural context.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 95](#)

[MTH 98](#)

Equivalent placement test scores also accepted. MTH 95 or MTH 98 accepted.

### **G 207: Geology of the Pacific Northwest**

Introduces the regional geology of the Pacific Northwest with emphasis on Oregon geology. Includes basic geologic principles, earth materials and geology of Pacific Northwest provinces.

Geology of the Pacific Northwest (G207) is a one-term introductory course in geology. The purpose of this course is to acquaint the student with basic geologic principles and the general geology of the Pacific Northwest. The emphasis is on the geology of Oregon and Washington. This course can be used to partly fulfill graduation requirements for the Associate Degree, and has been approved for block transfer. The text and materials have been chosen by the faculty and the emphasis of the course will be the viewpoint of the author(s). This includes the geologic time scale and the evolution of the Earth.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Use an understanding of earth materials and landforms to infer the surficial and internal processes which formed the landscape and underlying geology of the physiographic provinces of the Pacific Northwest.
- Use an understanding of plate tectonics and surficial processes to unravel the sequence of geologic events which have acted over time to create the physiographic provinces of the Pacific Northwest from diverse geologic terranes.
- Access earth science information about the Pacific Northwest from a variety of sources, evaluate the quality of this information, and compare this information with current models of the formation and development of the physiographic provinces of the Pacific Northwest, identifying areas of congruence and discrepancy.
- Make field and laboratory based observations and measurements of earth materials and landforms, use scientific reasoning to interpret these observations and measurements, and compare the results with current models of geological processes affecting the Pacific Northwest, identifying areas of congruence and discrepancy.
- Use scientifically valid modes of inquiry, individually and collaboratively, to critically evaluate the hazards and risks posed by the geological processes which are still shaping the Pacific Northwest both

to themselves and society as a whole, evaluate the efficacy of possible ethically robust responses to these risks, and effectively communicate the results of this analysis to their peers.

- Assess the contributions of physical and historical geology to our evolving understanding of global change and sustainability while placing the development of the geology of the Pacific Northwest in its historical and cultural context.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 58](#)

[MTH 65](#)

Equivalent placement test scores also accepted. MTH 58 or MTH 65 accepted.

## **G 208: Volcanoes and Their Activity**

Covers the origin, activity, products, classification, and hazards of volcanoes.

Volcanoes and Their Activity (G208) is a one-term introductory course in volcanology, which is a branch of the science of geology. The student will develop an understanding of the types, origin, activity, products, and hazards of volcanoes. This course can be used to partly fulfill graduation requirements for the Associate Degree, and has been approved for block transfer. The text and materials have been chosen by the faculty and the emphasis of the course will be the viewpoint of the author(s). This includes the geologic time scale and the evolution of the Earth.

## **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Use an understanding of rock and mineral characterization and classification to infer the igneous processes which formed individual rock and mineral specimens.
- Analyze the development, scope, and limitations of plate tectonics, and utilize plate tectonics to explain the Earth's volcanic activity, and the relationship of this activity to climate change, agriculture, and formation of economic deposits.
- Access volcano science information from a variety of sources, evaluate the quality of this information, and compare this information with current models of volcanic processes, identifying areas of congruence and discrepancy.
- Make field and laboratory-based observations and measurements of volcanic rocks and minerals and/or volcanic landforms, use scientific reasoning to interpret these observations and measurements, and compare the results with current models of volcanic processes identifying areas of congruence and discrepancy.
- Use scientifically valid modes of inquiry, individually and collaboratively, to critically evaluate the hazards and risks posed by volcanoes both to themselves and society as a whole, evaluate the efficacy of possible ethically robust responses to these risks, and effectively communicate the results of this analysis to their peers.



- Assess the contributions of volcanology to our evolving understanding of global change and sustainability while placing the development of volcanology in its historical and cultural context.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 58](#)

[MTH 65](#)

Equivalent placement test scores also accepted. MTH 58 or MTH 65 accepted.

## Health

### HE 112: Standard First Aid and Emergency Care

Describes emergency procedures and techniques of basic life support for adult, child, or infant victims of airway obstruction, respiratory arrest and/or cardiac arrest. Provides education and training in Automated External Defibrillator. Upon successful completion of this course, students may earn an American Red Cross Standard First Aid and CPR/AED Adult/Child and Infant CPR certificate.

This course will cover major aspects of first aid with regard to emergency care and preventative measures. The student will learn the proper methods and procedures for applying CPR in given emergency situations.

### Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Apply working knowledge of AED technology.
- Evaluate first aid/CPR scenarios and apply appropriate first aid/CPR techniques to those scenarios.

**Credits:** 1

**Prerequisites:**

[RD 115](#)

Equivalent placement test scores also accepted.

### HE 242: Stress and Human Health

Explores and analyzes stress and its relationship to human health. Examines various personal stressors and the links between stress and disease. Covers how to manage stress with healthy coping and relaxation techniques by using current research and multiple perspectives. Evaluates personal stressors and surveys numerous methods to manage stress.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Describe the relationship between stress, human health, behaviors, and perceptions.
- Recognize signs and symptoms of stress.
- Summarize the physiological response to stress and how it impacts human health.
- Identify stressors and possible root causes using health models.
- Evaluate the effectiveness of stress management strategies and relaxation techniques on a personal level.
- Explore information from credible research on stress and health.

**Credits:** 4

### HE 250: Personal Health

Inspires close examination and evaluation of factors that influence one's personal health and wellness. Involves critical analysis of health information related to the biological, psychological, sociocultural, and environmental impacts on personal health from a wellness perspective.

### Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Explain how biological, psychological, sociocultural, and environmental factors influence personal and community health.
- Apply the Socioecological model to assess personal health status and use a variety of wellness enhancement strategies.
- Use health literacy skills to critically evaluate and inform health-related decisions.
- Apply critical thinking skills to analyze strategies for self-assessment, behavior change and modifying health risks.

**Credits:** 3

### HE 295: Health and Fitness for Life

Explores the interrelationship of the five components of physical fitness, nutrition and stress management concepts and activities to increase individual health and wellness.

### Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Apply behavior change theories to assess and self-reflect on health and fitness status
- Apply and evaluate wellness concepts that promote health and fitness
- Explore activity options to maintain and/or improve lifelong health and fitness

**Credits:** 2

**Co-Requisites:**

[PE 295](#)

## History

### HST 101: History of Western Civilization: Ancient to Medieval

Explores the ancient civilizations of Mesopotamia, Egypt, Greece, and Rome. Covers development of Judeo-Christian beliefs, early Islamic civilization, Byzantine civilization, and early medieval Europe.

### Course Student Learning Outcomes

Upon completion of the course student should be able to:

- Articulate and interpret an understanding of key historical facts and events in the ancient world and early medieval Europe.
- Identify the influence of culturally based practices, values, and beliefs to analyze how historically defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well organized historical argument using effective, appropriate, and accurate language.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **HST 102: History of Western Civilization: Medieval to Modern**

Covers the High Middle Ages and early modern Europe, including the Renaissance, Reformation, Scientific Revolution, Enlightenment and the French Revolution.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Articulate and interpret an understanding of key historical facts and events in late medieval and early modern Europe.
- Identify the influence of culturally based practices, values, and beliefs to analyze how historically defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well organized historical argument using effective, appropriate, and accurate language.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **HST 103: History of Western Civilization: Modern Europe**

Covers the history of nineteenth- and twentieth-century Europe, including the Industrial Revolution, nationalism, imperialism, socialism, the Russian Revolution, Nazism, world wars and their aftermath.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Articulate and interpret an understanding of key historical facts and events in modern Europe.
- Identify the influence of culturally based practices, values, and beliefs to analyze how historically defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well-organized historical argument using effective, appropriate, and accurate language.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **HST 104: History of the Middle East**

Surveys the Middle East from ancient to modern times. Includes political, diplomatic, economic, social, religious and cultural themes.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Articulate and interpret an understanding of key historical facts and events in the history of the Middle East.
- Identify the influence of culturally based practices, values, and beliefs to analyze how historically defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well organized historical argument using effective, appropriate, and accurate language.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **HST 105: History of India and South Asia Region**

Introduces the history of India and the South Asian region. Includes political, diplomatic, economic, social, religious, and cultural themes from pre-history to modern times.

### **Course Student Learning Outcomes**

Upon successful completion students should be able to:

- Articulate and interpret an understanding of key historical facts and events in the history of India and South Asia.
- Identify the influence of culturally based practices, values, and beliefs to analyze how historically defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well organized historical argument using effective, appropriate, and accurate language.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### HST 106: History of China

Introduces the history of China. Includes political, diplomatic, economic, social, religious, and cultural themes from pre-history to modern times.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Articulate and interpret an understanding of key historical facts and events in the history of China.
- Identify the influence of culturally based practices, values, and beliefs to analyze how historically defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well organized historical argument using effective, appropriate, and accurate language.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### HST 107: History of Korea and Japan

Explores the history of Korea and Japan and their dynamic relationship from pre-history to modern times. Includes political, diplomatic, economic, social, religious, and cultural themes.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Articulate and interpret an understanding of key historical facts and events in the history of Korea and Japan.
- Identify the influence of culturally based practices, values, and beliefs to analyze how historically defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well organized historical argument using effective, appropriate, and accurate language.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### HST 201: History of the United States to 1840

Examines the social, political, economic and cultural developments of Colonial America and the Early Republic of the United States. Includes: Native Americans pre- and post- European colonization (Spanish, French, Dutch and English); European indentured servitude and African slavery; Salem Witch Trials; Great Awakening; French and Indian War; Declaration of Independence and the American Revolution; Constitution and the Bill of Rights; Whiskey Rebellion; War of 1812; Missouri Compromise; American Indian Removal. History courses are non-sequential and may be taken in any term and in any order.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Articulate and interpret an understanding of key historical facts and events in Colonial America and the early United States.
- Identify the influence of culturally based practices, values, and beliefs to analyze how historically defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well organized historical argument using effective, appropriate, and accurate language.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### HST 202: History of the United States 1840-1914

Examines the social, political, economic and cultural developments of the United States from 1840 to 1914. Includes: the Women's Rights Movement, Manifest Destiny, the U.S.- Mexican War, slavery, abolitionism and the growing sectional crisis between the North and South, Abraham Lincoln and the Civil War, Reconstruction, westward migration and its impact on Native Americans, America's overseas empire, and the Progressive Era. History courses are non-sequential and may be taken in any term and in any order.

### Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Articulate and interpret an understanding of key historical facts and events in the United States from 1840 to 1914.
- Identify the influence of culturally based practices, values, and beliefs to analyze how historically defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well organized historical argument using effective, appropriate, and accurate language.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

**HST 203: History of the United States 1914 to Present**  
Examines the social, political, economic, and cultural developments of the United States from 1914 to the present. Includes: World War I; 19th Amendment (women's suffrage); "roaring" 1920s; civil liberties; Great Depression; World War II; Cold War (Korea, "Red Scare," Cuban missile crisis, Vietnam, fall of the Berlin Wall); Civil Rights movements, legislation and Martin Luther King, Jr.; The Great Society and War on Poverty; Watergate and Iran/Contra scandals; 9/11. History courses are non-sequential and may be taken in any term and in any order.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Articulate and interpret an understanding of key historical facts and events in the twentieth and twenty first century history of the United States.
- Identify the influence of culturally based practices, values, and beliefs to analyze how historically defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well organized historical argument using effective, appropriate, and accurate language.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## HST 204: History of Women in the U.S.: Pre-colonial to 1877

Examines the lives of women in terms of family relations, religion, culture, sexuality and reproduction, and work roles, as well as educational opportunities and social reform activities. Explores diversity in terms of class, race, ethnicity, legal status, and region. History courses are non-sequential and may be taken in any term and in any order.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Articulate and interpret an understanding of key historical facts and events in U.S. History from pre-European settlement to 1877, and their particular impact on women.
- Identify the influence of culturally based practices, values, and beliefs to analyze how historically defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well organized historical argument using effective, appropriate, and accurate language.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### HST 205: History of Women in the U.S.: 1877 to Present

Examines women's work in the maturing industrial economy, women's reform activities, and changing family and social relationships. Explores class, ethnic, racial, and regional diversity. History courses are non-sequential and may be taken in any term and in any order.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Articulate and interpret an understanding of key historical facts and events in U.S. History from 1877 to the present, and their particular impact on women.
- Identify the influence of culturally based practices, values, and beliefs to analyze how historically defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well organized historical argument using effective, appropriate, and accurate language.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### HST 218: American Indian History

Covers history of American Indians in what is now the United States from pre-Columbian times to the present, exploring the cultural diversity among Native peoples, tribal sovereignty, conflicts and accommodations with European Americans, and the historical roots of contemporary issues that emphasize American Indians as a vital part of the shared history of the United States.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Articulate and interpret an understanding of key historical facts and events in American Indian history.
- Identify the influence of culturally based practices, values, and beliefs to analyze how historically defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well organized historical argument using effective, appropriate, and accurate language.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.



### HST 225: History of Women, Sex, and the Family

Examines the historical and cultural variations in family life and sexuality in the 19th and 20th centuries in an international context (including the United States) through topics such as courtship, marriage, reproduction, violence, colonialism, homosexuality, and work.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Articulate and interpret an understanding of key historical facts and events in the history of family life and women.
- Identify the influence of culturally based practices, values, and beliefs to analyze how historically defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well organized historical argument using effective, appropriate, and accurate language.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### HST 240: Oregon History

Examines the rich and diverse history of Oregon including the significance of Oregon's frontier heritage and Oregon's role in American history from pre-European contact to the modern era. Explores economic, political, social, and cultural factors in terms of race, ethnicity, gender, class, and religion.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Articulate and interpret an understanding of key historical facts and events in Oregon history.
- Identify the influence of culturally based practices, values, and beliefs to analyze how historically defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well organized historical argument using effective, appropriate, and accurate language.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### HST 270: History of Mexico

Surveys Mexican history from pre-Columbian to modern times. Focus on post contact history: the Spanish conquest, colonial Mexico, independence and its aftermath to contemporary times. Emphasizes social, political, and cultural developments and contributions by a diversity of Mexico's peoples.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Articulate and interpret an understanding of key historical facts and events in the history of Mexico.
- Identify the influence of culturally based practices, values, and beliefs to analyze how historically defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well organized historical argument using effective, appropriate, and accurate language.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### HST 271: History of Central America and the Caribbean

Covers Central American and Caribbean history from the pre-Columbian era to the present. Focuses on post-contact history including colonialism, independence, revolution, nation-building and international relationships. Emphasizes social, political and cultural developments and contributions by a diversity of Central American and Caribbean peoples.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Articulate and interpret an understanding of key historical facts and events in the history of Central America and the Caribbean.
- Identify the influence of culturally-based practices, values, and beliefs to analyze how historically-defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well-organized historical argument using effective, appropriate, and accurate language.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### HST 277: History of the Oregon Trail

Examines the history of the Oregon Trail including the predecessors of the route, the motivations of the people who used the route, the trail and its variations, life along the trail, and the impact of the migration.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Articulate and interpret an understanding of key historical facts and events in the history of westward migration along the Oregon Trail.
- Identify the influence of culturally-based practices, values, and beliefs to analyze how historically-defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well-organized historical argument using effective, appropriate, and accurate language.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### HST 279: Russian History II

Surveys the cultural, social, political, and economic forces that shaped Russian history from the late eighteenth century to the present.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Articulate and interpret an understanding of key historical facts and events in Russian history from the late eighteenth century to the present.
- Identify the influence of culturally based practices, values, and beliefs to analyze how historically defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well organized historical argument using effective, appropriate, and accurate language.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### HST 285: The Holocaust

Introduces the aftermath of World War I and the rise of the Nazis, the historical roots of anti-Semitism, the evolution of the Final Solution and its coordination in Nazi-occupied Europe, the victims of Nazi policies, the camps, the perpetrators, bystanders, and the aftermath of the Holocaust.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Articulate and interpret an understanding of key historical facts and events during the Holocaust.
- Identify the influence of culturally based practices, values, and beliefs to analyze how historically defined meanings of difference affect human behavior.
- Identify and investigate historical theses, evaluate information and its sources, and use appropriate reasoning to construct evidence-based arguments on historical issues.
- Construct a well organized historical argument using effective, appropriate, and accurate language.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## Japanese

### JPN 261A: Japanese Culture

Introduces Japanese traditional and modern culture and society through analysis of cultural, historical and social issues by media product and literary work. Explores concepts such as self-identity, Japanese views of the West, gender roles, perspectives on death and more. Course conducted in English. Japanese materials are subtitled in English.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Use an understanding of key ideology and terminology on concepts such as selfidentity, Japanese views of the West, gender roles and perspectives on death and use critical thinking to evaluate historical changes and their impact on current Japanese society.
- Recognize the social contributions of Japan based on a deepened understanding of its history, ecology, society, politics, and culture in order to appreciate and evaluate cultural diversity in the global community.
- Identify culturally grounded assumptions of one's own and apply a basic understanding of Japanese culture, social and political issues, perspectives, and forms of expression, to resolve cultural conflicts.
- Enhance citizenship skills through the practice of selfappraisal and examination of one's personal beliefs in comparison to the beliefs of others.
- Apply cultural understandings learned in class effectively in authentic interactions with native speakers of Japanese.

Credits: 3

Prerequisites:

[WR 115](#)

[RD 115](#)

# Journalism

## J 216: News Reporting and Writing

Introduces basics of reporting and journalistic writing, including news style, grammar and story structure. Students also study journalism history, literature, ethics, law and critical thinking as applied to information gathering. Through the creation of original works, students will explore culture and diversity. Examples may include learning how to cover violence and race in a traditional inverted pyramid story format or learning fairness in coverage of sexual harassment and gender issues in the American workplace. Focuses on style and story structure for print, online and social media publication and discusses the rights and responsibilities of the public communicator. Emphasizes journalistic style and format, accuracy and clarity in writing. Emphasizes understanding media bias and avoiding it in their own work.

## Course Student Learning Outcomes

Students will be able to:

- Understand media artifacts as an informational art form and the messages and meanings they convey whether static (newsprint, broadcast) or dynamic (web, social media) in the context of modern society.
- Employ basic journalism skills such as interviewing, research and gathering facts to identify, report on and author new and original media artifacts about news subjects and events.
- Understand, evaluate and analyze the rights and responsibilities of a journalist in providing information to the public, including style, slander, libel, and an examination of the friction between the First and Fifth amendments.
- Use the development and creation of media artifacts to explore societal issues and representation of facets of modern society including such topics as race, class, gender, sexuality and more.
- Use social media platforms such as Twitter/Facebook/Instagram/LinkedIn to distribute and promote original news stories.

Credits: 4

Prerequisites:

[WR 121](#)

# Library

## LIB 101: Library Research and Beyond: Find, Select and Cite

Introduces the research process and essential research skills to find, select and cite the best information. Teaches identification of research topics, planning and carrying out the research process, and to identify and cite preferred sources of credible information.

## Course Student Learning Outcomes

In this course, students will engage with the following concepts:

- Research is motivated by a need to know more on a topic.
- Not all information is good information; some good information is not pertinent information.
- Successful research is a recursive process that requires persistence, and a balance of focus and open-mindedness.
- Students engaged in research are scholars, entering into an ongoing conversation in which others' ideas are given credit and original ideas are valued.

Credits: 1

Prerequisites:

[WR 115](#)

Or placement into

### **LIB 127: Information Research in a Field of Study or Profession**

Explores a discipline or job-related field by learning what professionals and scholars read, write and talk about. Covers where research and information is published and how to access relevant information efficiently. Examines the jargon used in a field of study or profession and how evidence is used in decision making.

Use this class to develop skills in finding and evaluating information in a specific area of study, and experience using an academic library.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Investigate topics and issues by examining discipline-based research.
- Describe how information is created and communicated in a field of study or profession.
- Apply an understanding of how evidence is used in a field of study or profession to evaluate information and make effective decisions or solve a problem.
- Access specialized information using tools such as research databases and the web.

**Credits:** 2

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## **Linguistics**

### **LING 210: Introduction to Linguistics**

Examine the fundamentals of linguistic analysis: phonetics, phonology, morphology, syntax, and semantics, and explore the similarities and differences in the languages of the world. Explore language variation and language use and attitudes towards ethnic minorities and social dialects. This course will view historical and current issues in linguistics as well as issues in applied linguistics, child language acquisition and literacy.

### **Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Define terms used in the study of linguistics including phonetics, phonology, morphology, syntax, and semantics
- Apply concepts to language acquisition
- Discuss similarities and differences in world languages and attitudes toward ethnic minorities and social dialects
- Demonstrate understanding of current issues in linguistics and education

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

# Mathematics

## MTH 20: Fundamentals of Mathematics

Develops arithmetic fluency and the conceptual basis, and applications of integers, fractions, decimals, percents, and measurements. A scientific calculator may be required. The TI-30XS or TI-30XIIS is recommended. The OCCC math department recommends that students take MTH courses in consecutive terms.

### Addendum to Course Description

1. Students will be evaluated not only on their ability to get correct answers and perform correct steps, but also on the accuracy of the presentation itself.
2. Application problems must be answered in complete sentences.

## Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Perform accurate arithmetic computations in a variety of expressions and applications.
- Apply mathematical problem solving strategies.
- Effectively communicate mathematical reasoning.

**Credits:** 4

## MTH 30: Business Mathematics

Applies arithmetic to a variety of problems found in the business field, including simple and compound interest, annuities, payroll preparation, pricing, invoice preparation, trade discounts, taxes, and depreciation. Scientific calculator required.

This course is intended to prepare students to use basic mathematics in solving monetary problems in business and personal finance.

## Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Analyze real world scenarios to recognize when simple and compound interest, annuities, payroll preparation, pricing, invoice preparation, trade discounts, taxes, and depreciation are appropriate, formulate problems about the scenarios, creatively model these scenarios (using technology if appropriate) in order to solve the problems using multiple approaches, judge if the results are reasonable, and then interpret and clearly communicate the results.
- Appreciate business mathematics concepts that are encountered in the real world, understand and be able to communicate the underlying business concepts and mathematics involved to help another person gain insight into the situation.
- Work with simple and compound interest, annuities, payroll preparation, pricing, invoice preparation, trade discounts, taxes, and depreciation problems in various situations and use correct mathematical terminology, notation, and symbolic processes in order to be prepared for future coursework in business and mathematics that requires the use of and an understanding of the concepts of business mathematics.

**Credits:** 4

**Prerequisites:**

[MTH 20](#)

Equivalent placement test scores also accepted.

### MTH 58: Math Literacy I

Introduces pattern recognition, estimation and number sense, working with units, spreadsheets, linear equations and inequalities. Explores how to clearly communicate arguments supported by quantitative evidence using words, tables, graphs, and mathematical equations. Supports collaborative learning through class group interaction. TI-83 or TI-84 calculator required.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Make accurate inferences and conclusions based upon data presented in graphical or tabular format.
- Demonstrate how units are used in measurement and in calculation.
- Recognize linear and non-linear patterns.
- Derive, solve, and model with linear equations and inequalities in one variable.
- Estimate values based upon data presented in numerical, tabular and graphical form.

Credits: 4

Prerequisites:

[MTH 20](#)

Equivalent placement test scores also accepted.

### MTH 60: Introductory Algebra - First Term

Introduces algebraic concepts and processes with a focus on linear equations, linear inequalities, and systems of linear equations. Emphasizes number-sense, applications, graphs, formulas, and proper mathematical notation. Prerequisites: MTH 20 and (RD 80 or ESOL 250) or equivalent placement. The OCCC math department recommends that students take MTH courses in consecutive terms. Audit available.

### Addendum to Course Description

A scientific calculator and access to a graphing utility may be required.

Students are no longer required to have physical graphing calculators in MTH 60, 65, 70, 95, 111, and 112. Where physically possible, instructors will demonstrate using Desmos, GeoGebra, or other online programs in class. Assessments requiring the use of a graphing utility may be done outside of proctored exams.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Simplify and evaluate algebraic expressions using order of operations and properties of real numbers.
- Solve linear equations and inequalities in one variable.
- Create linear equations and inequalities that model contextual situations and use the model to make predictions.
- Identify and interpret the slope as a rate of change in linear relationships.
- Represent linear relationships between two variables using a graph, table, verbal description, and algebraic formula
- Select and apply appropriate geometric formulas to solve problems related to spatial and dimensional analysis

Credits: 4



### MTH 65: Introductory Algebra - Second Term

Introduces algebraic concepts and processes with a focus on polynomials, exponents, roots, geometry, dimensional analysis, solving quadratic equations, and graphing parabolas. Emphasizes number-sense, applications, graphs, formulas, and proper mathematical notation. The OCCC math department recommends that students take MTH courses in consecutive terms.

#### Addendum to Course Description

A scientific calculator and access to a graphing utility may be required.

Students are no longer required to have physical graphing calculators in MTH 60, 65, 70, 95, 111, and 112. Where physically possible instructors will demonstrate using Desmos, GeoGebra, or other online programs in class. Assessments requiring the use of a graphing utility may be done outside of proctored exams.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Recognize and apply the operations necessary to simplify expressions and solve equations.
- Perform polynomial addition, subtraction, and multiplication and perform polynomial division by a monomial.
- Use exponent and radical properties to simplify expressions and solve radical and quadratic equations.
- Solve systems of equations by graphing, substitution, and elimination and use systems in solving applications.

Credits: 4

Prerequisites:

MTH 60

### MTH 66: Introductory Algebra

Introduces algebraic concepts and processes with a focus on polynomials, exponents, roots, geometry, dimensional analysis, solving quadratic equations, and graphing parabolas. Emphasizes number-sense, applications, graphs, formulas, and proper mathematical notation. Lab time will be spent on activities that assist students in reviewing topics needed to be successful in the course.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Recognize and apply the operations necessary to simplify expressions and solve equations.
- Perform polynomial addition, subtraction, and multiplication and perform polynomial division by a monomial.
- Use exponent and radical properties to simplify expressions and solve radical and quadratic equations.
- Solve systems of equations by graphing, substitution, and elimination and use systems in solving applications.

Credits: 5

### MTH 95: Intermediate Algebra

Introduces algebraic concepts and processes with a focus on factoring, functions, rational expressions, solving equations (quadratic, rational, radical, absolute value), and solving inequalities. Emphasizes number-sense, applications, graphs, formulas, and proper mathematical notation. The OCCC math department recommends that students take MTH courses in consecutive terms.

#### Addendum to Course Description

Access to a graphing utility will be required and a scientific calculator may be required.

Students are no longer required to have physical graphing calculators in MTH 60, 65, 70, 95, 111, or 112. Where physically possible instructors will demonstrate using Desmos, GeoGebra, or other online programs in class. Assessments requiring the use of a graphing utility may be done outside of the proctored exams.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

1. Factor expressions and use factoring to simplify rational expressions and solve quadratic equations.
2. Create quadratic models, make predictions, and interpret the meaning of intercepts, vertices, and maximum or minimum values
3. Solve absolute value, quadratic, rational, radical equations, and compound inequalities both symbolically and graphically.
4. Interpret information provided in function notation given a function expressed in graphical, symbolic, numeric, or verbal form.
5. Use variables to represent unknown quantities, create a function to model a situation, and use algebra and/or technology to find and interpret a result.
6. Interpret properties of functions and relations, such as the meaning of a function, ordered pairs, domain and range, maximum and minimum values, and intercepts.

Credits: 4

Prerequisites:

[WR 115](#)

[MTH 65](#)

Or placement into WR 115 also accepted. Equivalent placement test scores also accepted.

### MTH 98: Math Literacy

This is a survey course in mathematics for students in the liberal arts and other non-science majors. Introduces concepts from arithmetic, algebra, and introductory statistics. Explores how to clearly communicate sophisticated arguments supported by quantitative evidence using spreadsheets, words, tables, graphs, and mathematical equations, as appropriate. Supports collaborative learning through class group interaction.

### Course Student Learning Outcomes

Upon completion of the course students should be able to

- Use and integrate several different types of technology to explore and analyze data to solve problems.
- Make reasonable conclusions based upon data or situations modeled by a normal distribution.
- Identify, model and problem solve with linear and non-linear equations.
- Calculate probability and percentages for both contextual and graphical applications.
- Compute and interpret standard deviation, measures of central tendency, weighted mean, and expected value.
- Evaluate simple and compound interest formulas for various scenarios.

Credits: 4

### MTH 105: Math in Society

Explores concepts and applications of logic rules, basic probability and statistics as well as personal finance models. Investigates problem solving techniques (algebraic and nonalgebraic) as well as some nontraditional mathematics topics such as social choice or discrete mathematics. Integrates technology where appropriate.

It's recommended that students take MTH courses in consecutive terms.

Math in Society is a rigorous mathematics course designed for students in Liberal Arts and Humanities majors. The course provides a solid foundation in quantitative reasoning, symbolic reasoning, and problem solving techniques needed to be a productive, contributing citizen in the 21st century.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Use formulas and perform relevant calculations pertaining to personal finance in order to make informed financial decisions
- Make and interpret calculations and graphical displays of numerical data in order to perceive and infer patterns within data sets
- Calculate and interpret theoretical and empirical probabilities in support of making predictions and decisions in the presence of uncertainty
- Use logical reasoning to describe and critique arguments and recognize common logical fallacies
- Support conclusions using logical thought, reflection, explanation and justification
- Use appropriate representations to effectively communicate, orally and in writing, quantitative results and mathematical processes

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 95](#)

[MTH 98](#)

Equivalent placement test scores also accepted. MTH 95 or MTH 98 accepted.

### MTH 111: College Algebra

Explores relations and functions graphically, numerically, symbolically, and verbally. Examines exponential, logarithmic, polynomial, and rational functions. Investigates applications from a variety of perspectives. Graphing technology is required, such as Desmos and/or GeoGebra which are available at no cost. It's recommended that students take MTH courses in consecutive terms.

Students are no longer required to have physical graphing calculators in either MTH 95 or MTH 111. Where physically possible instructors will demonstrate using Desmos, GeoGebra, or other online programs in class. Assessments requiring the use of a graphing calculator will be done outside of the proctored exam grade component.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Demonstrate an understanding of functions including function notation, function algebra, domain/range, inverse functions, piecewise functions, graph transformations, and symmetry.
- Analyze polynomial, rational, exponential, and logarithmic functions represented numerically, symbolically, verbally and graphically and identify properties of these functions using technology.
- Use variables to represent unknown quantities; create models; solve exponential, logarithmic, polynomial, and rational equations; and interpret the results.
- Demonstrate a mastery of the skills necessary for future course work that requires the use of college algebra concepts.

Credits: 5

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 95](#)

Equivalent placement test scores also accepted.

### MTH 112: Elementary Functions

Investigates trigonometric functions, equations and identities. Examines right and oblique triangles, vectors, polar coordinates, parametric equations, and complex numbers. Explores topics graphically, numerically, symbolically, and verbally. Graphing technology is required, such as Desmos and/or GeoGebra which are available at no cost. It's recommended that students take MTH courses in consecutive terms.

Students are no longer required to have physical graphing calculators in MTH 112.

Where physically possible instructors will demonstrate using Desmos, GeoGebra, or other online programs in class. Assessments requiring the use of a graphing calculator will be done outside of the proctored exam grade component.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Demonstrate mastery-level understanding of angles and right triangle trigonometry in various systems of measure.
- Analyze periodic functions and perform graph transformations on trigonometric functions.
- Use variables to represent unknown quantities; create models; solve trigonometric equations and interpret the results.
- Integrate pre-requisite skills to verify trigonometric identities and simplify trigonometric expressions.
- Analyze the graphs of trigonometric functions, the graphs of functions defined on the polar coordinate system, the graphs of parametric equations, and complex numbers, using technology when appropriate.
- Demonstrate mastery of skills necessary for future course work that requires an understanding of trigonometric functions and identities, vector arithmetic, complex numbers, the polar coordinate system, or parametric equations.

Credits: 5

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 111](#)

Equivalent placement test scores also accepted.

### MTH 211: Foundations of Elementary Math I

Examines the conceptual basis of K-8 mathematics using collaborative learning through in-class group interaction. Provides opportunities to experience using manipulatives to model problem solving, numeration systems, operations, patterns and change, and number theory. Emphasizes quantitative and algebraic reasoning. Includes content and mathematical practices based on the Common Core State Standards.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Apply an understanding of the theoretical foundations of mathematics focusing on numeration systems and operations as taught at the K-8 level in order to develop mathematical knowledge and communication skills necessary for teaching.
- Use various problem solving strategies and algebraic reasoning to create mathematical models, analyze real world scenarios, judge if the results are reasonable, and then interpret and clearly communicate the results.
- Use appropriate mathematics, including correct mathematical terminology, notation, and symbolic processes, and use technology to explore the foundations of elementary mathematics.
- Foster the mathematical practices in the Common Core State Standards.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 95](#)

Equivalent placement test scores also accepted.

### **MTH 212: Foundations of Elementary Math II**

Examines the conceptual basis of K-8 mathematics using collaborative learning through in-class group interaction. Provides opportunities to experience using manipulatives to model operations with rational numbers including fractions, decimals, percents, and integers. Explores the set of irrational numbers, the set of real numbers, proportional reasoning, and simple probability and statistics. Includes content and mathematical practices based on the Common Core State Standards.

### **Course Student Learning Outcomes**

Upon successful completion students should be able to:

- Apply an understanding of the theoretical foundations of mathematics focusing on real number operations, probability, and statistics as taught at the K-8 level in order to develop mathematical knowledge and communication skills necessary for teaching.
- Use various problem solving strategies and statistical reasoning to create mathematical models, analyze real world scenarios, judge if the results are reasonable, and then interpret and clearly communicate the results.
- Use appropriate mathematics, including correct mathematical terminology, notation, and symbolic processes, and use technology to explore the foundations of elementary mathematics.
- Foster the mathematical practices in the Common Core State Standards.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### **MTH 213: Foundations of Elementary Math III**

Examines the conceptual basis of K-8 mathematics using collaborative learning through in-class group interaction. Provides opportunities to experience using manipulatives to model problem solving, explore patterns and relationships among geometric figures and develop spatial reasoning. Explores informal geometry, transformational geometry, and measurement systems. Includes content and mathematical practices based on the Common Core State Standards.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Apply an understanding of theoretical foundations of mathematics focusing on geometric principles as taught at the K-8 level in order to develop mathematical knowledge and communication skills necessary for teaching.
- Use various problem solving strategies and geometrical reasoning to create mathematical models, analyze real world scenarios, judge if the results are reasonable, and then interpret and clearly communicate the results.
- Use appropriate mathematics, including correct mathematical terminology, notation, and symbolic processes, and use technology to explore the foundations of elementary mathematics.
- Foster the mathematical practices in the Common Core State Standards.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 95](#)

Equivalent placement test scores also accepted.

### **MTH 231: Elements of Discrete Mathematics I**

An introductory course in discrete mathematics covering elementary logic and set theory, functions, relations, direct and indirect proof techniques, mathematical induction, recursion, elementary combinatorics, basic graph theory, and minimal spanning trees. Applications of these topics in computer science are stressed.

### **Course Student Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Apply the definitions of elementary set theory to finite and infinite sets.
- Construct both negations and contrapositives of compound and qualified statements using propositional calculus.
- Construct both direct proofs (from definitions) and indirect proofs of simple statements.
- Apply the First and Second Principles of Mathematical Induction to construct proofs of appropriate mathematical statements.
- Construct and explain solutions to elementary combinatorics problems.
- Relate concepts of elementary graph theory to problems in computer science.

**Credits:** 4

**Prerequisites:**

[MTH 111](#)

### **MTH 232: Elements of Discrete Mathematics II**

The second course in discrete mathematics for mathematics and computer science majors. Topics include basic matrix linear algebra, combinatorics, graph theory and algorithms.

### **Course Student Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Use a combinatorial approach to enumerate the members of a set.
- Apply the appropriate graph theoretical techniques to solve several different types of problems, including networking and routing problems.
- Connect the concept of Boolean algebra to physical logic networks.
- Follow classical algorithms to their conclusion and evaluate the order of each algorithm.
- Recognize the use of recursion in algorithms.

**Credits:** 4

**Prerequisites:**

[MTH 231](#)

### MTH 243: Statistics I

Introduces displaying data with graphs, numerical descriptions of data, producing data, elementary probability, probability distributions, confidence intervals and significance testing. Investigates applications from science, business, and social science perspectives. Graphing calculator with advanced statistical programs and/or computer software required; see instructor.

This is the first term of a two-term sequence (MTH 243 and 244) that is intended to provide an introduction to statistics in a data-based setting.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Identify statistical results and terminology in politics, popular culture, and scientific studies and state their relevance.
- Use statistical thinking to identify, answer and interpret meaningful questions.
- Generate appropriate graphical and numerical summaries for various situations.
- Describe and identify the role and importance of variability and randomness in statistics.
- Use statistical models (single and multivariable) and statistical inference (hypothesis testing and confidence intervals) in a range of contextual settings and draw appropriate conclusions.
- Use statistical software to analyze data, carry out inference and make conclusions.
- Be prepared to continue a course of study in a major field that requires the use and understanding of the concepts and logical implications of probability and statistics.

Credits: 5

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 95](#)

Equivalent placement test scores also accepted. MTH98 or higher also accepted.

### MTH 244: Statistics II

Includes confidence interval estimation; tests of significance including z-tests, t-tests, ANOVA, and chi-square; and inference for linear regression. Investigates applications from science, business, and social science perspectives. Graphing calculator with advanced statistical programs and/or computer software required; see instructor.

This is the second term of a two-term sequence (MTH 243 and MTH 244). This course is intended to provide an introduction to statistics in a data-based setting.

### Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Critically analyze the data from observational studies, surveys, and experiments, and using appropriate statistical methods and technology, judge if the results are reasonable, and then interpret and clearly communicate the results.
- Interpret studies in scholarly and scientific publications and make sense of statistical information provided by the media.
- Understand and be able to communicate the underlying mathematics involved to help another person gain insight into probability and statistics concepts encountered in real world situations.
- Reason from data and use standard mathematical terminology, notation, and symbolic processes in order to engage in work, study, and other applications that require the use of and an understanding of the concepts of statistics in a data-based setting.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 243](#)

Equivalent placement test scores also accepted.

### MTH 251: Calculus I

Includes limits, continuity, derivatives and some applications of derivatives. Graphing technology is required, such as Desmos and/or GeoGebra which are available at no cost.

#### Addendum to Course Description

This is the first course of four courses in the Calculus sequence. Students will be required to have physical graphing calculators in MTH 251. Where physically possible instructors will demonstrate using Desmos, GeoGebra, or other online programs in class. Assessments requiring the use of a graphing calculator will be done outside of the proctored exam grade component.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Analyze real world scenarios to recognize when derivatives and limits are appropriate, formulate problems about the scenarios, creatively model these scenarios (using technology, if appropriate) in order to solve the problems using multiple approaches, judge if the results are reasonable, and then interpret and clearly communicate the results.
- Recognize derivatives and limit-related concepts that are encountered in the real world; understand and be able to communicate the underlying mathematics involved to help another person gain insight into the situation.
- Work with derivatives and limits in various situations and use correct mathematical terminology, notation, and symbolic processes in order to engage in work, study, and conversation on topics involving derivatives and limits with colleagues in the field of mathematics, science or engineering.

Credits: 5

Prerequisites:

[MTH 112](#)

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### MTH 252: Calculus II

Includes antiderivatives, the definite integral, topics of integration, improper integrals, and applications of differentiation and integration. Graphing technology is required, such as Desmos and/or GeoGebra which are available at no cost.

#### Addendum to Course Description

This class is a foundational course for many STEM majors. Some topics are of particular importance for students continuing into MTH 253 including: using L'Hospital's rule to evaluate limits, improper integrals, and error estimates for definite integrals. Students may be taking this course concurrently with calculus based physics courses. It can be beneficial for these students if the integral symbol is introduced early on to represent anti-derivatives. Partial fractions are a particularly important technique for engineering students (which will be revisited in MTH 253 and MTH 256). Students should be able to do simple partial fraction expansions by hand, but may use the "expand" command on their CAS for more complicated problems. Because this course is also a pre-requisite for MTH 261, logic and correct application of theorems should be emphasized. Students will be required to have physical graphing calculators in MTH 252. Where physically possible instructors will demonstrate using Desmos, GeoGebra, or other online programs in class. Assessments requiring the use of a graphing calculator will be done outside of the proctored exam grade component.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Analyze real world scenarios to recognize when derivatives or integrals are appropriate, formulate problems about the scenarios, creatively model these scenarios (using technology, if appropriate) in order to solve the problems using multiple approaches, judge if the results are reasonable, and then interpret and clearly communicate the results.
- Recognize derivative and integral concepts that are encountered in the real world, understand and be able to communicate the underlying mathematics involved to help another person gain insight into the situation.
- Work with derivatives and integrals in various situations and use correct mathematical terminology, notation, and symbolic processes in order to engage in work, study, and conversation on



topics involving derivatives and integrals with colleagues in the field of mathematics, science or engineering.

**Credits:** 5

**Prerequisites:**

[MTH 251](#)

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### **MTH 253: Calculus III**

Includes infinite sequences and series (including Taylor series), vectors, and geometry of space. Graphing calculator required. TI-89 Titanium or Casio Classpad 330 recommended.

### **Addendum to Course Description**

This is the third course of four courses in the Calculus sequence.

## **Course Student Learning Outcomes**

Upon completion of the course the students should be able to:

- Analyze real world scenarios to recognize when series, vectors, and geometry of space are appropriate, formulate problems about the scenarios, creatively model these scenarios (using technology, if appropriate) in order to solve the problems using multiple approaches, judge if the results are reasonable, and then interpret and clearly communicate the results.
- Recognize series, vectors, and geometry of space concepts that are encountered in the real world; understand and be able to communicate the underlying mathematics involved to help another person gain insight into the situation.
- Work with series, vectors, and geometry of space in various situations and use correct mathematical terminology, notation, and symbolic processes in order to engage in work, study, and conversation on topics involving vectors and series with colleagues in the field of mathematics, science or engineering.

**Credits:** 5

**Prerequisites:**

[MTH 252](#)

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### **MTH 254: Vector Calculus I**

Includes multivariate and vector-valued functions from a graphical, numerical, and symbolic perspective. Applies integration and differentiation of both types of functions to solve real world problems.

## **Course Student Learning Outcomes**

Upon successful completion students should be able to:

- Analyze real world scenarios to recognize when partial derivatives or multiple integrals of multivariate and vector valued functions are appropriate, formulate problems about the scenarios, creatively model these scenarios (using technology, if appropriate) in order to solve the problems using multiple approaches, judge if the results are reasonable, and then interpret and clearly communicate the results.
- Recognize partial derivative and multiple integral concepts that are encountered in the real world, understand and be able to communicate the underlying mathematics involved to help another person gain insight into the situation.
- Work with partial derivatives and multiple integrals in various situations and use correct mathematical terminology, notation, and symbolic processes in order to engage in work, study, and conversation on topics involving partial derivatives and multiple integrals with colleagues in the field of mathematics, science or engineering.

**Credits:** 5

**Prerequisites:**

[MTH 253](#)

[WR 115](#)

[RD 115](#)

## **Medical Assistant**

The Medical Assistant Program prepares students for entry level employment in a physician's clinic or a variety of other healthcare settings. Program graduates will have the academic, administrative and clinical skills necessary for an allied health care professional. Courses cover anatomy, physiology, and medical terminology, as well as, computers, office procedures, communications, psychology and mathematics. Those training in the Medical Assisting Program will find occupations involved

within various aspects of health care in clinics and physicians' offices. The medical assistant performs a variety of clinical and administrative duties.

Clinical duties may include: assisting physicians and preparing patients for examinations; taking and recording vital signs and medical histories; performing venipuncture, spirometry, and electrocardiograms; and preparing, administering, and documenting medications; collecting and processing specimens.

Administrative duties may include: scheduling and receiving patients; maintaining medical records; handling telephone calls; corresponding authorizations and reports; and insurance and billing matters.

Students are prepared to function under the supervision of a licensed provider. The program is designed to correlate classroom and laboratory experience with practical experience in health care facilities. The program is accredited by National Center for Competency Testing (NCCT) and when students complete the program they are eligible to apply for National Certification which is required by many healthcare facilities.

## Program Outcomes

Upon completion of the Medical Assistant Training Program students will have the resources to:

- Interact in a caring and respectful manner with patients, families, and the health care team.
- Establish and manage office procedures and implement medical documentation systems using appropriate medical terminology.
- Perform the administrative business tasks required in a medical office.
- Assist the physician and other members of the health care team in clinical procedures related to the examination and treatment of patients.
- Comply with quality assurance requirements in performing clinical laboratory procedures.
- Perform common diagnostic procedures under a licensed health care provider to ensure patient comfort and safety.

Pre-requisites: High School Completion or GED; placement in Writing 121 or completion of WR 115 and RD 115 with a C or better; and placement in MTH 20 or higher.

## Other Requirements

Once conditionally admitted, students will be required to complete various state and program requirements such as a criminal background check, immunizations and drug screening. For more information contact the Health and Human Service Department and/or Academic Advising.

### NCMA 101: Body Structure & Function I

Explores medical terminology in its proper context. Includes form and function of the human body in health and disease and basic word structure. Reviews select body system including: their components, basic structure and function to be able to apply medical terminology skills in the clinical setting.

## Course Student Learning Outcomes

- Define basic combining word forms, suffixes, prefixes and demonstrate how to build medical words.
- Define terms that apply to the structural organization of the human body.
- Locate and identify terms that describe positions, directions and planes of the body.
- Correctly describe locations, structure and functions of each organ of the following systems:
  - integumentary, digestive, urinary, female reproductive and male reproductive.

Credits: 4

Prerequisites:

WR 115

RD 115

MTH 20

Equivalent placement test scores also accepted.

### NCMA 102: Clinical Procedures I

Develop communication and technical skills used in a medical office setting.

### Course Student Learning Outcomes

- Apply principles of aseptic technique and infection control.
- Obtain and document a patient history and vital signs.
- Prepare and maintain examination and treatment areas, and patients for examination, procedures and treatments.
- Recognize and adhere to legal guidelines and ethical principles for medical assisting.
- Recognize and respect cultural diversity by using effective and appropriate verbal and written communication.
- Receive, organize, prioritize, and transmit information.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### NCMA 103: Office Skills for the Medical Office

Introduces entry level office procedures. Includes: telephone techniques, patient scheduling, office organization, office communication, the use of office machinery, computer systems, patient medical records, software and billing, coding and insurance procedures, while providing for patient privacy and confidentiality.

### Course Student Learning Outcomes

- Apply and use proper telephone etiquette, including scheduling, patient triage, prior authorizations for insurance, and referrals.
- Apply a basic understanding of office communication including verbal and written communication.
- Correctly use office machinery including fax machines, copy machines, multi-line phone systems, computers, etc. while providing for patient privacy and confidentiality.
- Display the ability to work as a team and resolve conflicts in a positive, professional manner.
- Show evidence of mastery of basic billing, coding and insurance procedures, the basic foundation of banking and financial records and processes, and the ability to assemble and file in both paper and electronic patient medical records.

**Credits:** 5

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### NCMA 111: Body Structure and Function II

Explores medical terminology in its proper context. Includes form and function of the human body in health and disease and basic word structure. Reviews select body system including: their components, basic structure and function to be able to apply medical terminology skills in the clinical setting.

### Course Student Learning Outcomes

- Define basic combining word forms, suffixes, prefixes and demonstrate how to build medical words.
- Define terms that apply to the structural organization of the human body.
- Locate and identify terms that describe positions, directions and planes of the body.
- Correctly describe locations, structure and functions of each organ of the following systems:
  - nervous, cardiovascular, respiratory, blood, lymphatic and immune, musculoskeletal, sensory, and endocrine and the area of psychiatry.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

[NCMA 101](#)

Equivalent placement test scores also accepted.

### NCMA 112: Clinical Procedures II

Continues to develop communication and technical skills used in a medical office and clinic setting.

### Course Student Learning Outcomes

- Comply with quality assurance practices for medical offices.
- Perform selected diagnostic tests; screen and report test results.
- Correctly assist with examinations, procedures, and treatments.
- Recognize and respond appropriately to emergencies.
- Prioritize and perform multiple tasks, managing time effectively.
- Use effective verbal and written communication, adapting communication to individual's ability to understand and modify teaching methods to client needs.
- Receive, organize, prioritize, and transmit medical information adhering to legal and ethical principles.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

[NCMA 102](#)

Equivalent placement test scores also accepted.

### NCMA 113: Clinical Practicum I

Provides opportunities to practice direct care to patients and support office functions in a medical setting.

#### Course Student Learning Outcomes

- Complete administrative tasks including scheduling and monitoring office or clinic appointments.
- Prepare and assist with selected examinations, procedures and treatments.
- Provide care that encompasses compassion, empathy, and respect of cultural diversity.
- Utilize therapeutic and professional communication techniques in the clinical setting with patients, peers, and health care team members.
- Utilize basic patient teaching techniques when communicating with clients.
- Present self in both appearance and behavior appropriate for a professional medical assistant in compliance with OCCC and facility policies.
- Adhere to ethical and legal principles guiding practice as a medical assistant.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

[NCMA 112](#)

Equivalent placement test scores also accepted.

### NCMA 123: Medical Assistant Clinical Practicum II

Provides opportunities to practice direct care to patients and support office functions in a medical setting.

#### Course Student Learning Outcomes

- Complete administrative tasks such as scheduling and monitoring office or clinic appointments.
- Prepare and maintain examination and treatment area and assist with selected examinations, procedures and treatments.
- Make decisions regarding patient care based on professional values and complying with legal/ethical standards.
- Use therapeutic and professional communication techniques in the clinical setting with patients, peers, and coworkers.
- Implement patient education plans incorporating culture, learning needs and ability to learn.
- Adhere to ethical and legal principles guiding practice as a medical assistant.
- Collaborate with members of the health care team for assigned patients.

Credits: 5

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

[NCMA 113](#)

Equivalent placement test scores also accepted.

### NCMA 125: Pharmacology for Medical Assistants

Includes basic principles and practice of pharmacology and administering drugs, identifying roles and responsibilities of the medical assistant in safely administering selected medications by various routes. Covers medications related to each of the following classifications: vitamins, minerals and herbs, skin, nervous system, urinary system, gastrointestinal system, anti-infective analgesics, sedatives and hypnotics, psychotropic meds, musculoskeletal, anticonvulsants, reproductive system, cardiovascular, and respiratory.

### Course Student Learning Outcomes

- Demonstrate an understanding of basic principles of pharmacology, uses, side effects, contraindications, and patient education pieces for each of the classifications of medications to include: vitamins, minerals and herbs, skin, nervous system, urinary system, gastrointestinal system, anti-infective, analgesics, sedatives and hypnotics, psychotropic meds, musculoskeletal, anticonvulsants, reproductive system, cardiovascular, and respiratory.
- Evaluate and review the legal aspects of administering medications, and the roles and responsibilities of the medical assistant.
- Differentiate between chemical, generic, and trade names of drugs.
- Locate and use various resources to obtain information regarding medication administration.
- Accurately calculate drug dosages; accurately and safely administer medications by oral, parenteral, topical, and rectal routes to clients of all ages.
- Accurately maintain medication and immunization records.

Credits: 3

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## Medical Professions

### MP 111: Medical Terminology

Covers prefixes, suffixes, root words, abbreviations, conditions, symptoms and procedure terms. Course taught by body systems. English communication skills necessary.

### Course Student Learning Outcomes

Students who successfully complete this course will be able to:

- Have knowledge of basic rules of work construction and vocabulary of the body systems.
- Read and understand medical documentation in medical records and medical reports.
- Communicate with health care professionals utilizing proper medical terminology.

Credits: 4

## Music

### MUS 101: Introduction to Music (Basic Materials)

Introduces the basic components of music such as rhythm, melody, harmony and structure. Includes basic note reading and building of music literacy skills. No prior music experience required.

### Course Student Learning Outcomes

- Use basic music literacy in order to apply musical skills in the form of singing and/or learning to play a musical instrument.
- Listen critically using the building blocks of music in order to identify structure and form in music.
- Use the basic components of music in order to identify what makes up diverse musical style and genre.

Credits: 3

### MUS 105: Music Appreciation

Provides an introduction to understanding symphonic music in the vocal and instrumental genres from the ancient period through the contemporary music of our time. Class will be presented using a multi-media format.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Appreciate the western music tradition, and enjoy a life enriched by the exposure to and the understanding of personal and cultural achievement.
- Experience musical works "dynamically," that is, to appreciate simultaneously the uniqueness of a work, its origins and precedent, its potential as an influence and inspiration on other works, and its relationship to a particular cultural moment.
- Generalize course content to other music not covered in the course so that one can understand and value a broad spectrum of musical expression.

Credits: 3

Prerequisites:

[WR 115](#)

Equivalent placement test scores also accepted.

### MUS 108: Music Cultures of the World

Examines musical cultures throughout the world with attention to cultural contexts and musical styles, including but not limited to Africa, the Americas, Asia, Near East, Europe and the South Pacific.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Overcome ethnocentrism through awareness about diverse peoples cultural communities and traditions. Use the social, political, and cultural contexts for different musical practices to gain a better awareness about their own cultural heritage and develop understanding and empathy for others.
- Relate music to history, society, culture, and the individual while incorporating intellectual concepts, material resources and listening skills to appreciate and analyze diverse music from a global intercultural perspective.
- Gain an understanding of the relationship of music to history, society, culture, and the individual while learning about intellectual concepts, material resources and listening skills necessary to appreciate and analyze diverse music from a global intercultural perspective.
- Experience music "dynamically," that is, to appreciate simultaneously the uniqueness and value of each culture and its music through particular cultural moments, origins, precedents and potential in relationship to and inspiration upon other musics.
- Appreciate the artistic, social, historical, and cultural contexts of world music through observation and critique to become an informed listener.
- Generalize course content to other cultural expressions (including but not limited to music and genres not covered in the course) so that one can understand and value a broad spectrum of cultural expressions within diverse cultural settings.

Credits: 3

Prerequisites:

[WR 115](#)

Equivalent placement test scores also accepted.

### **MUS 110: Fundamentals of Music**

Covers the basic concepts of music: pitch, rhythm, meter, intervals, modes, scales, harmony and music notation. Introduces the science of sound and music theory terminology. Begins development of musical performance skills through singing, clapping and performance on the piano keyboard. Also includes basic aural skills. Course intended for non-music majors and to prepare students for further music theory study.

### **Course Student Learning Outcomes**

Upon successful completion of this course the student will be able to:

- Begin the formal study of music theory as it is applied in the music of the Western World.
- Use learned applied keyboard, rhythm and singing skills in order to build the foundations of musicianship.
- Listen critically using the building blocks of music in order to better understand the diverse musical styles of the world and what makes the music of each culture unique.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

Equivalent placement test scores also accepted.

### **MUS 111: Music Theory I (part one)**

Covers music theory as exhibited in the works of the great composers of the 17th and 18th centuries. Includes notation, pitch, meter, tonality, modality, harmony and diatonic function. Basic music analysis focusing on harmonic function and figured bass notation. Includes written composition. Part one of three-term sequence.

### **Course Student Learning Outcomes**

Upon successful completion students should be able to:

- Exhibit developing musicianship (good tone production, stylistically proper phrasing, execution of dynamics and articulations) by beginning the application of the components of music theory through musical expression.
- Attain musical literacy in order to consciously observe the musical practices of the masterworks of the western world through listening, harmonic analysis and basic music composition in order to appreciate simultaneously the uniqueness of a work, its origins and precedent, its potential as an influence and inspiration on other works, and its relationship to a particular cultural moment.
- Generalize listening experience to music that is not part of the western art music tradition so that he/she can understand and value the music of the peoples of the world in all-encompassing ways.
- Develop a personal musical language in the composition of basic musical works

**Credits:** 3

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

[MUS 110](#)

Equivalent placement test scores also accepted.

**Co-Requisites:**

[MUS 111C](#)



### **MUS 111C: Music Theory I: Sight Singing and Ear Training (part one)**

Focuses on the development of skills related to the notation, performance and aural recognition of music. Includes meter, rhythm, diatonic melodies, triads, solfeggio, intervals, and harmonic function. Part one of three term sequence.

### **Course Student Learning Outcomes**

Material will primarily be presented in a lecture/lab format. Other educational methods will be used to enhance lectures. These will include use of recorded materials, internet sites and computer software. A large amount of student to teacher contact should be achieved throughout the term in order to encourage and accomplish successful student development.

- Students will be able to interpret and perform rhythmic notation in simple meters (beat division and longer).
- Students will be able to interpret and perform rhythmic notation in compound meters (beat division and longer).
- Students will be able to isolate and accurately notate rhythm of a musical example (beat division and longer).
- Students will be able to apply solfege to conjunct diatonic melodies.
- Students will be able to aurally identify scale degrees within major and minor scales.
- Students will be able to sing diatonic intervals (m2-P5) at sight.
- Students will be able to aurally identify diatonic harmonic intervals (m2-P5).
- Students will be able to sing basic conjunct diatonic melodies at sight using solfege.
- Students will be able to accurately notate diatonic conjunct melodies.
- Students will be able to aurally identify major and minor scales.
- Students will be able to aurally identify diatonic chord functions (primary functions in major and minor keys).
- Students will be able to aurally detect errors (rhythm and pitch) in the notation of diatonic conjunct melodies.
- Students will be able to aurally identify triad chord qualities (major and minor).
- Students will be able to aurally identify nonharmonic tones within a musical example (passing and neighbor tones).

**Credits:** 1

**Co-Requisites:**

[MUS 111](#)

### **MUS 112: Music Theory I (part two)**

Continues work from MUS 111. Focuses on four-part harmony and common practice period voice leading. Includes figured bass realization, harmonic analysis and written composition. Part two of three-term sequence.

### **Course Student Learning Outcomes**

Upon successful completion students should be able to:

- Attain fluent musical language in order to consciously observe the musical practices of the masterworks of the western world through listening, harmonic analysis, basic music composition and the practicing of tonal counterpoint in order to appreciate simultaneously the uniqueness of
- a work, its origins and precedent, its potential as an influence and inspiration on other works, and its relationship to a particular cultural moment.
- Exhibit good musicianship (good tone production, stylistically proper phrasing, execution of dynamics and articulations) by applying components of music theory through musical expression.
- Generalize listening experience to music that is not part of the western art music tradition so that he/she can understand and value the music of the peoples of the world in all-encompassing ways.
- Develop a personal musical language in the composition of original musical works.

**Credits:** 3

**Prerequisites:**

[MUS 111](#)

**Co-Requisites:**

[MUS 112C](#)

### **MUS 112C: Music Theory I: Sight Singing and Ear Training (part two)**

Continues development of skills from MUS 111C. Includes harmonic implications in melody, complex rhythms, beat subdivisions and four-part harmony. Introduces melodic chromaticism, extended harmony and phrase relationships. Part two of three-term sequence.

## **Course Student Learning Outcomes**

Material will primarily be presented in a lecture/lab format. Other educational methods will be used to enhance lectures. These will include use of recorded materials, internet sites and computer software.

A large amount of student to teacher contact should be achieved throughout the term in order to encourage and accomplish successful student development.

- Students will be able to interpret and perform rhythmic notation in simple meters (beat subdivision and longer values).
- Students will be able to interpret and perform rhythmic notation in compound meters (beat subdivision and longer values).
- Students will be able to isolate and accurately notate rhythm of musical examples that include beat subdivisions.
- Students will be able to apply solfege to disjunct diatonic melodies.
- Students will be able to sing diatonic intervals (m2-P8) at sight.
- Students will be able to aurally identify diatonic harmonic intervals (m2-P8).
- Students will be able to sing basic disjunct diatonic melodies at sight using solfege.
- Students will be able to accurately notate disjunct diatonic melodies upon hearing.
- Students will be able to aurally identify chord function (diatonic functions).
- Students will be able to aurally detect errors in notation of disjunct diatonic melodies from the music literature.
- Students will be able to aurally identify triad chord qualities (major, minor, diminished and augmented).
- Students will be able to aurally identify nonharmonic tones within a musical example (suspensions, anticipations and escape tones).
- Students will be able to accurately identify the relationship between two musical phrases. (E.g. repetition vs. sequence)

**Credits:** 1

**Prerequisites:**

[MUS 111C](#)

**Co-Requisites:**

[MUS 112](#)

### **MUS 113: Music Theory I (part three)**

Continues work from MUS 112. Introduction to chromatic harmony as exhibited through tonicization and harmonic modulation. Covers melodic structure and basic Schenkerian reduction technique. Also includes large-scale form and analysis and written composition. Meets arts and humanities sequence requirement for Associate of Arts Oregon Transfer degree. Part three of three-term sequence.

## **Course Student Learning Outcomes**

Upon successful completion students should be able to:

- Attain fluent musical language mastery in order to consciously observe musical form in the masterworks of the western world through listening, harmonic analysis and music composition in order to appreciate simultaneously the uniqueness of a work, its origins and precedent, its potential as an influence and inspiration on other works, and its relationship to a particular cultural moment.
- Exhibit advanced musicianship (good tone production, stylistically proper phrasing, execution of dynamics and articulations) by applying components of music theory through musical expression.
- Generalize listening experience to music that is not part of the western art music tradition so that he/she can understand and value the music of the peoples of the world in all-encompassing ways.
- Acquire a personal musical language in the composition of original musical works.

**Credits:** 3

**Prerequisites:**

[MUS 112](#)

**Co-Requisites:**

[MUS 113C](#)

### MUS 113C: Music Theory I: Sight Singing and Ear Training (part three)

Continues development of skills learned in MUS 112C. Includes two-part melodic and rhythmic notation. Introduces secondary function and diatonic modulation. Part three of three-term sequence.

### Course Student Learning Outcomes

Material will primarily be presented in a lecture/lab format. Other educational methods will be used to enhance lectures. These will include use of recorded materials, internet sites and computer software. A large amount of student to teacher contact should be achieved throughout the term in order to encourage and accomplish successful student development.

- Students will be able to interpret and perform complex rhythmic notation in simple meters (beat subdivision and longer values).
- Students will be able to interpret and perform complex rhythmic notation in compound meters (beat subdivision and longer values).
- Students will be able to isolate and accurately notate rhythm of two-part musical examples that include beat subdivisions.
- Students will be able to apply solfege to chromatic melodies.
- Students will be able to sing all intervals (m2-P8) at sight.
- Students will be able to aurally identify all harmonic intervals (m2-P8).
- Students will be able to sing basic chromatic melodies at sight using solfege.
- Students will be able to accurately notate single-line chromatic melodies and two-part diatonic melodies upon hearing.
- Students will be able to aurally identify chord function (diatonic and secondary functions).
- Students will be able to aurally detect errors in notation of chromatic melodies from the music literature.
- Students will be able to aurally identify seventh chord qualities.
- Students will be able to accurately notate the outer voices of a four-part musical example.

Credits: 1

Prerequisites:

[MUS 112C](#)

Co-Requisites:

[MUS 113](#)

### MUS 191: Class Guitar I

Group instruction in guitar. Covers traditional classical guitar technique. Focuses on note reading and basic music theory as applies to guitar. Topics include single line first position melodies, common arpeggio patterns and music in two or more parts. Includes both solo and ensemble performance. Attention given to history and repertoire of the guitar.

No previous experience required.

### Course Student Learning Outcomes

- Students will be able to perform single line melodies and simple polyphonic pieces in the first position.
- Students will be able to execute musical works using basic classical guitar technique.
- Students will be able to recognize the basic components of music theory.
- Students will begin to be able to identify the stylistic variations between musical genres.

Credits: 2

### MUS 191P: Class Piano I

Group instruction in piano performance. Intent of course is the development of piano proficiency skills. Focus given to basic keyboard technique, score reading and performance, sight-reading, harmonization, accompanying, and transposition. Designed for music majors but is available to all students.

No previous experience required.

This course is required for students who plan on majoring in music at a four-year institution and is strongly recommended for any student wishing to study music theory. The course is open to all students

### Course Student Learning Outcomes

The material for the course will be presented in a lecture/lab format. Instruction will take place in an electronic piano lab. The piano lab should facilitate practical examination. Students will be required to apply the material through music performance on the piano keyboard. Musical examples from a wide array of genres will be used to demonstrate the concepts covered. Lectures may be enhanced through the use of multimedia technologies.

- Students will be able to accurately perform the major and minor scales in all keys (one octave, separate hands)
- Students will be able to accurately construct and perform the ancient church modes in all keys.
- Students will be able to accurately construct and perform basic triad arpeggios (hand over hand, ascending and descending, diatonic and chromatic)
- Students will be able to construct and accurately perform all inversions of basic triads.
- Students will be able to construct and accurately perform pentascales built on each scale degree of the major and minor scales.
- Students will be able to construct and accurately perform pentascales based on whole tone and chromatic scales.
- Students will be able to identify the quality of triads built on any major or minor scale degree.
- Students will be able to construct and perform chord progressions using the primary triads in all major and minor keys.
- Students will be able to successfully harmonize a single-line melody using proper chord progression.
- Students will be able to read and perform basic rhythms at sight.

- Students will be able to read and perform basic (beginning level) piano compositions at sight.
- Students will be able to accurately perform transpositions of five finger pieces.

Credits: 2

### MUS 192: Class Guitar II

Group instruction in guitar. Continues material presented in Music 191. Topics include reading notes up to the fifth position, advanced left hand technique, chord structure, flamenco technique and music theory as it applies to the guitar. Includes both solo and ensemble performance. More in depth study of the historical origins of the guitar, the repertoire and its major players.

### Course Student Learning Outcomes

- Students will be able to perform single line melodies and intermediate polyphonic pieces up to the fifth position.
- Students will be able to execute musical works using beginning to intermediate classical and flamenco guitar technique.
- Students will be able to find solutions to idiomatic problems.
- Students will be able to construct basic harmonies on the fretboard.
- Students will be able to interpret intermediate level music notation.
- Students will begin to be able to identify the stylistic variations between musical genres through the use of applied music theory.

Credits: 2

Prerequisites:

[MUS 191](#)

Or knowledge of first position note reading.

### **MUS 192P: Class Piano II**

Continues group instruction in piano performance covered in MUS 191p. Intent of course is the development of piano proficiency skills. Focus given to basic keyboard technique, score reading and performance, sight-reading, harmonization, accompanying, and transposition. Designed for music majors but is available to all students.

This course is required for students who plan on majoring in music at a four-year institution and is strongly recommended for any student wishing to pursue studies in music theory. The course is open to all students

### **Course Student Learning Outcomes**

The material for the course will be presented in a lecture/lab format. Instruction will take place in an electronic piano lab. The piano lab should facilitate practical examination. Students will be required to apply the material through music performance on the the piano keyboard. Musical examples from a wide array of genres will be used to demonstrate the concepts covered. Lectures may be enhanced through the use of multimedia technologies.

- Students will be able to accurately perform major scales in all keys with prepared fingerings (separate hands, four octaves, ascending and descending)
- Students will be able to accurately construct and perform seventh chord arpeggios (hand over hand, ascending and descending)
- Students will be able to accurately interpret and perform triads and seventh chords using pop chord notation.
- Students will be able to construct and perform chord progressions using the secondary and primary triads in all major and minor keys.
- Students will be able to successfully harmonize a single-line melody using proper chord progression (including secondary harmonies).
- Students will be able to accurately harmonize the major and minor scales.
- Students will be able to accurately perform four-part, chorale style harmonizations.
- Students will be able to provide harmonic analysis of chords as found in music.
- Students will be able to accurately perform a basic (beginning to intermediate level) composition for treble and bass clef.
- Students will be able to successfully transpose a basic piano composition to two new keys.

- Students will be able to successfully perform a basic piano composition at sight.

**Credits:** 2

**Prerequisites:**

[MUS 191P](#)

### **MUS 193: Class Guitar III**

Group instruction in guitar. Continues material presented in Music 192. Topics include reading notes up to the twelfth position, alternate tunings, altered chords, creating original arrangements and music theory as it applies to the guitar. Includes both performing as a soloist and as a member of an ensemble. Detailed study of twentieth century guitar practice and the influence of popular styles.

### **Course Student Learning Outcomes**

- Students will be able to perform intermediate polyphonic pieces up to the twelfth position.
- Students will be able to execute musical works using intermediate to advanced classical, flamenco and modern guitar techniques.
- Students will be able to perform musical works in alternate tunings.
- Students will be able to create original arrangements for performance on the guitar.
- Students will be able to interpret intermediate to advanced level music notation.
- Students will begin to be able to compose original works for the guitar.
- Students will be able to identify common luthier practices.

**Credits:** 2

**Prerequisites:**

[MUS 192](#)

### MUS 193P: Class Piano III

Continues group instruction in piano performance covered in MUS 192p. Intent of course is the development of piano proficiency skills. Focus given to basic keyboard technique, score reading and performance, sight-reading, harmonization, accompanying, and transposition. Designed for music majors but available to all students.

This course is required for students who plan on majoring in music at a four-year institution and is strongly recommended for any student wishing to pursue studies in music theory. The course is open to all students

### Course Student Learning Outcomes

The material for the course will be presented in a lecture/lab format. Instruction will take place in an electronic piano lab. The piano lab should facilitate practical examination. Students will be required to apply the material through music performance on the the piano keyboard. Musical examples from a wide array of genres will be used to demonstrate the concepts covered. Lectures may be enhanced through the use of multimedia technologies.

- Students will be able to successfully apply basic keyboard fingering concepts to simple piano compositions.
- Students will be able to accurately perform major and parallel minor scales in all keys (separate hands, two octaves, ascending and descending).
- Students will be able to accurately perform major and minor tetra scales in all keys.
- Students will be able to accurately perform seventh chord arpeggios (hand over hand, ascending and descending)
- Students will be able to construct and perform seventh chords on all scale degrees of the major and harmonic minor scales.
- Students will be able to successfully perform triads and seventh chords in blocked and broken forms.
- Students will be able to accurately construct and perform harmonic progressions using diatonic seventh chords.
- Students will be able to accurately harmonize single-line melody using secondary dominant chords.
- Students will be able to accurately perform four-part, chorale style harmonizations using secondary dominant chords.

- Students will be able to provide harmonic analysis of chords as found in music.
- Students will be able to identify harmonic modulations in piano compositions (closely related keys only).
- Students will be able to accurately harmonize a modulating single-line melody.
- Students will be able to accurately perform a basic (intermediate level) composition for treble and bass clef.
- Students will be able to successfully transpose piano composition to two new keys.
- Students will be able to successfully perform a basic piano composition at sight.
- Students will be able to successfully create and perform accompaniment from a lead sheet.

**Credits:** 2

**Prerequisites:**

[MUS 192P](#)

### MUS 203: Introduction to Music and Its Literature

Covers music of the post-Romantic era and the 20th century.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Communicate effectively with musicians and nonmusicians on the historic development of the western music tradition.
- Persuasively convey how the western music tradition represents a diversity of forms of music expression, cultural norms, social-political hierarchy, and religious dogma.
- Educate others about how remarkable individual musical accomplishments have impacted the cultural, religious, artistic, and musical traditions of their time, and still bear influence today.
- Perform and create music employing the period and stylistic characteristics of the post-romantic and 20th century western music tradition.
- Advocate before political, educational, and community member organizations about the intrinsic value and importance of music in education.

**Credits:** 3

**Prerequisites:**

[WR 115](#)

Equivalent placement test scores also accepted.

### MUS 205: Introduction to Jazz History

Covers the 90-year history of jazz, a truly American art form. Examines and analyzes eras, styles, and significant artists.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Understand that the study of jazz involves an analysis of what motivates humans to create and how their creations reflect their values and world views
- Experience jazz music “dynamically,” that is, to appreciate simultaneously the uniqueness of a work, its origins and precedent, its potential as an inspiration and influence on later music and its relationship to a particular cultural moment
- Critically examine the impact of jazz on social interaction so as to encourage sensitivity and empathy toward people with different values or beliefs.

Credits: 3

Prerequisites:

[WR 115](#)

Equivalent placement test scores also accepted.

### MUS 206: Introduction to the History of Rock Music

Introduces the history of rock music. Examines rock music's roots and development, its innovators and significant events through a cultural as well as musical perspective.

### Course Student Learning Outcomes

Upon successful completion, students will be able to:

- Use an understanding of the technological advancements and development of the record industry during the 20th and 21st centuries (in relation to rock music) to interpret and understand current and possible future technological trends in music.
- Use an understanding of the cultural and sociological dynamics that created rock music to better integrate one's own beliefs effectively into the community.
- Cultivate a personal set of aesthetic and artistic values informed by an understanding of the development of genres, innovations, and trends in rock music.
- Use the ability to examine and analyze a piece of music based on structural and expressive elements to interpret and understand other communicative media.
- Employ knowledge of rock music's development to analyze current social and cultural trends and their relation to past social and cultural movements.

Credits: 3

Prerequisites:

[WR 115](#)

Equivalent placement test scores also accepted.



### MUS 207: Introduction to the History of Folk Music

Provides the historic development and the musical and textural characteristics of American folk music, from its Anglo-Celtic, Hispanic, African and Native American roots to the present, including country music, bluegrass, blues, border music, religious and other ethnic music. Discusses Folk revivals and the significance of songs in terms of the social norms of the time, including the interaction of folk music with popular music.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Appreciate the musical traditions of the diverse cultures of the United States, and enjoy a life enriched by the exposure to and the understanding of personal and cultural achievements through expression.
- Experience music "dynamically," that is, to appreciate simultaneously the uniqueness and value of each culture and its music through particular cultural
- moments, origins, precedents and potential in relationship to and inspiration upon other music.
- Appreciate the artistic, social, historical, and cultural contexts of folk music through observation and critique in order to be an informed listener.

Credits: 3

Prerequisites:

[WR 115](#)

Equivalent placement test scores also accepted.

### MUS 220A: Chorus

Provides an opportunity to sing in a large general chorus of mixed voices. Includes rehearsal and performance at an elementary level using repertory drawn from the canon of choral works from the 16th-21st centuries. No audition required.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Use an understanding of beginning musicianship and performance etiquette to perform choral repertoire to a public audience as a member of a large vocal ensemble.
- Use an understanding of beginning music literacy to prepare and rehearse choral repertoire as a member of a large vocal ensemble.
- Use an understanding of beginning rehearsal techniques and etiquette to follow a conductor, annotate music, and be a contributing member of a large vocal ensemble during rehearsal.
- Use an understanding of stylistic differences in choral repertoire to accurately interpret vocal music in performance.
- Use a beginning understanding of vocal range and type to continue to improve as a singer.

Credits: 1



### MUS 220B: Chorus

Provides the opportunity to sing in a large general chorus of mixed voices. Includes rehearsal and performance of repertory drawn from the canon of choral works from the 16th-21st centuries. No audition is required.

### Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Use an understanding of advanced beginning musicianship and performance etiquette to perform basic repertory to a public audience as a member of a large vocal ensemble.
- Use an understanding of advanced beginning music literacy to prepare and rehearse basic repertory as a member of a large vocal ensemble.
- Use an understanding of advanced beginning rehearsal techniques and etiquette to follow a conductor, annotate music, and be a contributing member of a large vocal ensemble during rehearsal.
- Use an understanding of stylistic differences in advanced beginning repertory to accurately interpret vocal music in performance.
- Use an understanding of vocal range and type to continue to improve as a singer.

Credits: 1

Prerequisites:

[MUS 220A](#)

### MUS 220C: Chorus

Provides the opportunity to sing in a large general chorus of mixed voices. Includes rehearsal and performance of repertory drawn from the canon of choral works from the 16th-21st centuries. No audition is required.

### Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Use an understanding of beginning-intermediate musicianship and performance etiquette to perform basic repertory to a public audience as a member of a large vocal ensemble.
- Use an understanding of beginning-intermediate music literacy to prepare and rehearse basic repertory as a member of a large vocal ensemble.
- Use an understanding of beginning-intermediate rehearsal techniques and etiquette to follow a conductor, annotate music, and be a contributing member of a large vocal ensemble during rehearsal.
- Use an understanding of stylistic differences in beginning-intermediate repertory to accurately interpret vocal music in performance.

Credits: 1

Prerequisites:

[MUS 220B](#)

### MUS 220D: Chorus

Provides the opportunity to sing in a large general chorus of mixed voices. Includes rehearsal and performance of repertory drawn from the canon of choral works from the 16th-21st centuries. No audition is required.

### Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Use an understanding of intermediate musicianship and performance etiquette to perform basic repertory to a public audience as a member of a large vocal ensemble.
- Use an understanding of intermediate music literacy to prepare and rehearse basic repertory as a member of a large vocal ensemble.
- Use an understanding of intermediate rehearsal techniques and etiquette to follow a conductor, annotate music, and be a contributing member of a large vocal ensemble during rehearsal.
- Use an understanding of stylistic differences in intermediate repertory to accurately interpret vocal music in performance.

Credits: 1

Prerequisites:

[MUS 220C](#)

### MUS 220E: Chorus

Provides the opportunity to sing in a large general chorus of mixed voices. Includes rehearsal and performance of repertory drawn from the canon of choral works from the 16th-21st centuries. No audition is required.

### Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Use an understanding of intermediate-advanced musicianship and performance etiquette to perform basic repertory to a public audience as a member of a large vocal ensemble.
- Use an understanding of intermediate-advanced music literacy to prepare and rehearse basic repertory as a member of a large vocal ensemble.
- Use an understanding of intermediate-advanced rehearsal techniques and etiquette to follow a conductor, annotate music, and be a contributing member of a large vocal ensemble during rehearsal.
- Use an understanding of stylistic differences in intermediate-advanced repertory to accurately interpret vocal music in performance.

Credits: 1

Prerequisites:

[MUS 220D](#)

### MUS 220F: Chorus

Provides the opportunity to sing in a large general chorus of mixed voices. Includes rehearsal and performance of repertory drawn from the canon of choral works from the 16th-21st centuries. No audition is required.

## Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Use an understanding of advanced musicianship and performance etiquette to perform basic repertory to a public audience as a member of a large vocal ensemble.
- Use an understanding of advanced music literacy to prepare and rehearse basic repertory as a member of a large vocal ensemble.
- Use an understanding of advanced rehearsal techniques and etiquette to follow a conductor, annotate music, and be a contributing member of a large vocal ensemble during rehearsal.
- Use an understanding of stylistic differences in advanced repertory to accurately interpret vocal music in performance.

Credits: 1

Prerequisites:

MUS 220E

## Nursing

Oregon Coast offers a career ladder program for those who want to become licensed practical nurses (through the first-year Practical Nursing Certificate) or registered nurses (through the Associate of Applied Science in Nursing). Oregon Coast Community College staff members are also ready to advise students planning to transfer to a school of nursing that grants baccalaureate degrees. Oregon Coast Community College offers general education courses that apply to a Bachelor of Science program.

## Employment Opportunities

As a nurse, your responsibilities will vary depending on where you choose to work. Hospital staff nurses care for a group of patients and often supervise others. They assess the needs and problems of their clients, diagnose nursing problems, and plan, implement and evaluate nursing care. The job requires technical, critical thinking and interpersonal skills. Nurses interact with clients and

their families, as well as other members of the health care team. Your exact job activities will vary from day to day, depending on the type and condition of the clients under your care. However, each day will call for careful observation, decision-making and problem solving. Providing nursing care is both challenging and rewarding.

## Prerequisites

The following courses are required for application to the OCCC Nursing program for both Practical Nursing and the Associate of Applied Science Degree in Nursing.

- Elementary Algebra, MTH 95 or higher, or placement
- Human Anatomy and Physiology (BI 231 and BI 232; Note: BI 112 is the prerequisite for BI 231).
- English Composition (WR 121 and WR 122 or WR 123 or WR 227)
- General Psychology (PSY 201A)
- Human Development (PSY 215)
- Medical Terminology (MP111)

Science and math courses must have been completed within 7 years of application. If the math is older than 7 years, you can take the placement test and must score into Math 111 or higher within one year prior to applying to meet the math requirement.

- The science and math courses must be completed by the end of winter term of the application year with a letter grade of "C" or better, and within seven years prior to entering the Nursing Program.
- Fundamentals of Nutrition (FN225) must be completed by the Fall Term of the first year of the nursing program.
- The nursing program at OCCC is complete and most pre-Nursing students complete the majority of general education and science courses required for the Nursing Program in order to enhance their chance of admission.

Specific entry requirements are outlined in the Nursing Application on the Oregon Coast Community College website. Enrollment in the program is limited, and there is an early deadline for applications. Most students spend one or more years in a pre-Nursing program to prepare for applying to the Nursing program. Students

considering the Nursing Program are highly recommended to contact the Student Services at 541-867-8501 to meet with an academic advisor.

## Technical Standards and Student Disability Information

Nursing is a physically and mentally challenging occupation. Education related to this field is designed to prepare nurses for these challenges. Nursing students must be able to meet all established essential academic and clinical requirements to successfully complete the program. Persons with questions concerning qualifications are encouraged to contact the Health and Human Services office for individual consultation prior to formal application.

OCCC Nursing Program provides the information on technical standards with examples of learning activities to inform prospective and enrolled students of the skills required in completing their chosen profession's curriculum and in the provision of health care services. These technical standards reflect the performance abilities and characteristics that are necessary to successfully complete the requirements of clinical based health care programs. The technical standards are available on the college website. Applicants with disabilities are encouraged to contact Dean of Students 541-867-8501. To be eligible for a reasonable accommodation, applicants must provide clear documentation of their disability.

The Dean of Students is responsible for determining if reasonable accommodations can be identified and ensuring that accommodations are provided for OCCC students. These services are confidential and are separate from the nursing and college application processes. Early contact with the Dean of Students will ensure that accommodations can be made available when students begin the program.

## Articulation with Linfield

Oregon Coast and Linfield College have developed a co-enrollment agreement to assist students who complete the Associate Degree in Nursing have a smooth transition to Linfield College's RN to BSN program. For more information on Nursing articulation from Oregon Coast to Linfield, students are urged to contact the Director of Career and Technical Programs or Student Services.

## Additional Requirements

Applicants and students must demonstrate a personal history compatible with obtaining a license to practice Nursing in Oregon. Admission to and graduation from the Nursing Program does not assure eligibility for licensure. The Oregon State Board of Nursing (OSBN) makes the determination about eligibility for licensure. The OSBN may not license persons with certain criminal convictions or with a major mental or physical illness that could affect ability to practice safely. Applicants or students with questions about licensing regulations may want to call OSBN at 971-673-0685. All applicants are required to check the Disqualifying Crimes and Potentially Disqualifying Crimes lists available on the website: <http://www.oregoncoastcc.org/degrees/>

Every Nursing Program applicant and student must answer questions to determine if there is personal history of:

- conviction for a criminal offense or
- physical or mental health problems that might interfere with the requirements of nursing practice.
- Failure to provide truthful and complete answers to these questions will result in denial of admission for applicants and dismissal for students.
- If the college becomes aware of criminal or unethical behavior on the part of the applicant, admission will be denied.

Once a student is accepted into the nursing program they will be required to submit to a criminal background check and a drug screen. A student admitted to the Program with a history of substance abuse will be monitored for indications of a recurrence of substance abuse per College policy. Any student whose behavior, appearance, or breath odor indicates inappropriate use of alcohol or other drugs can be required to undergo immediate drug testing to detect the presence of alcohol or other drugs and to report the results of such testing to the CTE Director. The student's status in the program will be reviewed by the nursing faculty and the director. Any required testing and counseling shall be at the student's expense. Failure to follow a counselor-prescribed treatment plan will result in dismissal from the Program.

### NUR 101: Nursing Assistant Level 1

Introduces foundational knowledge and skills necessary to deliver routine patient care to residents of long term care and other care facilities. Covers personal care nursing skills, restorative services, mental health services, social needs, and patient rights. Includes an introduction to anatomy and physiology. This course meets the Oregon State Board of Nursing requirements for eligibility to apply for Nursing Assistant 1 certification.

### Course Student Learning Outcomes

- Utilize appropriate infection control measures while providing patient care, including hand hygiene, disposal of contaminated articles, and hazardous wastes.
- Utilize proper body mechanics and safety transfer to prevent injury to self and client.
- Implement basic principles of personal care, including bathing, hair care, dressing/undressing, oral care, shaving and nail care.
- Utilize basic communication and interpersonal skills with patients as well as staff members, family members, and other health care team members.
- Provide safe and effective patient care to include meeting basic needs, personal care, restorative services, mental health services, social needs and patient rights.
- Distinguish between personal and professional values and legal/ethical responsibilities in practice.

Credits: 8

### NUR 102: Certified Nursing Assistant Level 2: Acute Care

Covers knowledge and skills necessary for a Certified Nursing Assistant 2 to work in an acute care facility. This course meets the Oregon State Board of Nursing (OSBN) requirements for the Certified Nursing Assistant 2 registry.

### Course Student Learning Outcomes

- Deliver healthcare with relevant cultural knowledge and communicate between people from culturally diverse backgrounds using therapeutic and professional communication techniques in the clinical setting.
- Recognize and report normal and abnormal patterns in clinical findings and behaviors of clients to members of the health care team.
- Provide care through adherence to clients' plan of care through taking action within designated responsibilities and as directed by the Registered Nurse.
- Demonstrate person-centered care by meeting the individual person's needs, preferences and abilities.
- Demonstrate proficiency in skills related to common disease processes and conditions that affect body system function and the person functional ability.
- Apply proper use of diagnostic, safety, and therapeutic devices within the Nursing Assistant's scope of care.
- Distinguish between personal and professional values and legal/ethical responsibilities in practice.

Credits: 6

Prerequisites:

[NUR 101](#)

CNA 1 License from the OSBN also required.

### **NUR 141: Fundamentals of Nursing**

Presents concepts and skills that lay a foundation for entry into the nursing profession. Provides opportunities to attain the knowledge and skills that are necessary to promote health, prevent disease, and deliver basic nursing care to individual patients across the lifespan. The skills laboratory section is the first of five in the Nursing sequence.

### **Course Student Learning Outcomes**

- Utilize an understanding of conceptual foundations of nursing; nursing process, critical thinking and holistic care, as they apply to the nursing role in care of patients with common health disturbances.
- Recognize how facts and principles from physical, biological, social, and behavioral sciences are applied to planning care for individuals across the life span.
- Apply selected health promotion concepts in care of patients from diverse backgrounds in various health care settings
- Use therapeutic and professional communication techniques in the clinical setting.
- Provide basic nursing care for patients using facts and principles from physical, biological, social, and behavioral sciences.
- Distinguish between personal and professional values, and legal/ethical responsibilities in practice
- Follow standard safety and infection control measures to perform nursing skills correctly in the skills practice laboratory.

**Credits:** 12

**Prerequisites:**

[BI 233](#)

Admission to the nursing program. Prerequisite or concurrent enrollment in BI 233 accepted.

**Co-Requisites:**

[BI 233](#)

### **NUR 142: Care of Acutely Ill Patients and Developing Families I**

Focuses on the care of individual patients with health problems related to the respiratory, cardiovascular, fluid and electrolytes, endocrine, musculoskeletal, and neurological systems. Incorporates the nursing role in providing care to patients across the lifespan. Includes the second skills laboratory section in the Nursing sequence.

### **Course Student Learning Outcomes**

- Utilize critical thinking skills and understanding of nursing process to develop holistic, individualized plans of care for patients with pain, endocrine, respiratory, cardiovascular, musculoskeletal, integumentary disorders, and women's health needs across the life span.
- Identify health-related community-based resources supporting individuals across the lifespan.
- Utilize therapeutic communication skills with individual patients and families, while providing health education and health promotion.
- Collaborate with members of the health care team during planning, implementation and evaluation of the plan of care for assigned patients.
- Distinguish personal ethics that might conflict with professional ethics as delineated by the American Nurses Association in the Code of Ethics for Nurses
- Evaluate and apply strategies and communication techniques that promote effective delegation.

**Credits:** 12

**Prerequisites:**

[NUR 141](#)

[BI 234](#)

[FN 225](#)

### **NUR 143: Care of Acutely Ill Patients and Developing Families II**

Focuses on the care of patients with health problems related to neurological, hematological, gastrointestinal, and genitourinary systems, as well as conditions related to cancer, mental health, infectious diseases, and complications of obstetrics. Incorporates the role of the nurse in providing care to patients across the lifespan who are acutely ill. Includes the third skills laboratory section in the Nursing sequence.

### **Course Student Learning Outcomes**

- Develop holistic individualized plans of care for patients with altered immunity, hematological/oncologic, urinary, neurological/cognitive, gastrointestinal, and reproductive, disorders.
- Show evidence of an emerging understanding of psychobiological disorders, psychosocial trauma, and the obstetrical experience including antepartum, postpartum, and newborn adaptation.
- Implement individual and group, evidenced-based health education plans incorporating culture, learning needs/readiness, and ability to learn.
- Communicate effectively with patients and healthcare team members with emerging leadership and management skills.
- Recognize situations requiring revision to the plan of care for assigned patients; report and initiate plan of care changes
- Make decisions regarding patient care based on professional values and complying with legal/ethical standards.
- Utilize assessment skills and communication techniques that promote effective and appropriate delegation.

**Credits:** 12

**Prerequisites:**

[NUR 142](#)

[FN 225](#)

### **NUR 145: Introduction to Pharmacology & Pathophysiology**

Introduces connections between pathophysiology of selected disease processes, associated pharmacological treatments and nursing responsibilities.

### **Course Student Learning Outcomes**

- Use knowledge of pharmacodynamics and pathophysiology to identify nursing implications associated with administration of medications from select drug classifications.
- Relate the pathophysiology of select disorders to the actions and nursing implications associated with caring for patients receiving medications for those disorders.
- Monitor and evaluate the effectiveness of drug therapy, focusing on interpretation of nursing assessments to detect therapeutic effects, side effects and adverse reactions, and drug-drug, drug-food, and drug-natural product interactions for specific classes of drugs.
- Use knowledge of select drug classifications, uses, general drug actions, adverse reactions, contraindications, precautions and interactions to outline a patient plan of care.
- Teach patients and family members regarding safe and effective use of drugs.

**Credits:** 1

**Prerequisites:**

[NUR 142](#)

**Co-Requisites:**

[NUR 143](#)

### **NUR 241: Care of Patients with Complex Health Problems**

Covers clinical decision-making when providing care to patients with complex physical and mental health problems. Emphasizes increased independence, judgment and critical thinking in the nursing role. Includes the fourth skills laboratory section in the Nursing sequence.

### **Course Student Learning Outcomes**

- Develop comprehensive, holistic, individualized plans of care for patients with acute and chronic psychiatric disorders, infectious disease, gastrointestinal problems, acute and chronic pain, endocrine problems and fluid/ electrolyte/acid-base problems.
- Function with increased independence in clinical decision-making and the application of nursing process to patients with complex physical and/or mental health problems.
- Evaluate the effectiveness of health teaching plans that are culturally sensitive and revise plans appropriately.
- Communicate therapeutically with patients experiencing difficulty coping across the mental health continuum.
- Organize and prioritize components of care requiring complex assessments and interventions for assigned patients; consistently reports pertinent information to the health care team.
- Differentiate the scope of practice and legal responsibilities of the registered nurse and licensed practical nurse in Oregon.

**Credits:** 12

**Prerequisites:**

[NUR 143](#)

### **NUR 242: Care of Patients in Situations of Crisis and in Community**

Covers clinical decision-making when providing care to patients with complex physical needs. Focuses on patients experiencing acute and chronic high acuity illness; palliative and end of life care and disaster preparedness. Includes the fifth skills laboratory section in the Nursing sequence.

### **Course Student Learning Outcomes**

- Develop comprehensive, holistic, individualized plans of care for patients with community based health care needs, and in planning care for patients with oncologic, cardiovascular, renal, respiratory, and neurologic problems.
- Function with increased independence in clinical decision-making, and the application of nursing processes to patients with complex and acute problems.
- Develop discharge plans that reflect understanding of community resources and individual patient/family needs.
- Communicate therapeutically with patients experiencing complex and acute health care needs.
- Assume responsibility for the "Manager of Care" role including the process of effective delegation.
- Identify nursing responsibilities related to local/national disaster response.
- Utilize professional values and responsibilities inherent in the registered nurse role in providing nursing care.

**Credits:** 12

**Prerequisites:**

[NUR 241](#)



### **NUR 243: Preparation for Entry into Practice**

Presents concepts in nursing management and professional nursing issues. Includes a clinical preceptorship within a health care setting.

## **Course Student Learning Outcomes**

- Use clinical decision-making, critical thinking skills and evidence based practice in the application of the nursing process for assigned patients.
- Communicate effectively and collaboratively with patients, families, their preceptor, and other members of the healthcare team.
- Assume responsibility for the “Manager of Care” role; overseeing the patient plan of care for an assigned patients.
- Compare and contrast aspects of healthcare systems and their impact on patient outcomes.
- Improve quality of care with evidence-based practices, within the scope of nursing.
- Use sound judgment and decision-making based upon professional values and established nursing standards of care.
- Show readiness for seeking employment as a registered nurse.

Credits: 8

Prerequisites:

[NUR 242](#)

### **NUR 244: Preparation for the NCLEX-RN Exam**

Provides a comprehensive review and preparation for the National Council Licensure Examination for Registered Nurses (NCLEX-RN). Includes test taking strategies and critical analysis of NCLEX type questions through guided learning. Explores content areas in nursing care management; maternal, child and pediatric nursing; psychiatric and mental health nursing; adult and geriatric health; and pharmacology.

## **Course Student Learning Outcomes**

- Develop an individual plan for preparing for the NCLEX-RN exam
- Recognize and apply test-taking strategies to improve performance in taking multi-format style questions
- Employ an increased recognition of nursing concepts in nursing management, maternal, child and pediatric nursing; psychiatric and mental health nursing; adult and geriatric health; and pharmacology.
- Evaluate client situations and determine the best nursing response in a multiple choice computerized environment that is based upon on established nursing standards and principles.

Credits: 2

Prerequisites:

[NUR 242](#)

Co-Requisites:

[NUR 243](#)

## **Office Systems**

### **OS 131: 10-key on Calculators**

Develops 10-key skills by touch.

## **Course Student Learning Outcomes**

Students will be able to

- Use proper finger placement on the keypad.
- Enter numbers by touch for speed and accuracy in adding and subtracting numbers.
- Effectively utilize the 10-key machine as an efficient business tool.

Credits: 1

### OS 220: Business Editing Skills

Develops skills necessary for editing, transcribing, and writing memos, letters and email. Emphasis: punctuation, capitalization, spelling, grammar, and word use.

## Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Use correct punctuation, capitalization, spelling, grammar, and word usage when editing, transcribing, or writing business documents.
- Think critically to produce mailable documents

Credits: 4

### OS 240: Filing and Records Management

Develops skills for indexing, coding, and cross-referencing documents to be filed. Includes requisitions and charge-outs, records transfer, various filing systems, and an overall view of the role of records management in business including electronic and image records.

Perform the duties of a filing clerk.

## Course Student Learning Outcomes

Upon successful completion, students will be able to:

- Apply basic filing rules to manage records efficiently
- Enter and sort data in an electronic database

Credits: 4

### OS 245: Office Systems and Procedures

Develops the skills of an administrative professional for current business practices. Uses computer technology for tasks such as scheduling, email, and faxing. Develops communication, organization and prioritizing skills, telephone techniques, problem solving, and analytical abilities. Analyzes current trends in workplace ethics and the multi-cultural workplace. Develops workplace readiness and applies job search skills for current job market.

## Course Student Learning Outcomes

- Perform the duties of administrative assistant.
- Use critical thinking skills to independently produce office documents.
- Efficiently manage multiple tasks of an administrative assistant.

Credits: 4

Prerequisites:

[CAS 216](#)

[OS 220](#)

## Parenting Education & Family Life

## Teacher Education Pathway Courses

Due to the highly individualized nature of the course work required for teacher licensure based on certification level and subject matter, students are asked to work with Theresa Harper, Teacher Education Pathway Advisor, to create an academic plan. Please contact her via email at [theresa.harper@oregoncoastcc.org](mailto:theresa.harper@oregoncoastcc.org).

## Degrees and Certificates

- [Teacher Education Pathway](#)

#### **HEC 140: Introduction to Family Life Education**

Introduces an overview of the field of Family Life Education (FLE). Covers theory, methods, and contexts of family life education, including family diversity, sexuality education, and parenting education.

This course is designed for individuals interested in early childhood education, parenting education, and family life education.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Identify major principles and theories in Family Life Education (FLE).
- Understand the various contexts in which Family Life Education is practiced.

**Credits: 3**

#### **HEC 201: Family Partnerships in Education**

Introduces the study of family behavior, values, and attitudes. Covers the historical, cultural, and socioeconomic influences on family development, including ecological systems, demographic trends, diversity, contemporary issues and public policy.

This course is designed for individuals interested in early childhood education, parenting education, and family life education. The course addresses various family compositions issues and trends, including single parents, intergenerational families, same-sex families, families of color, immigrant families, class issues, etc.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Identify the major concepts and issues facing contemporary families.
- Understand families and their relationships to other institutions, including educational and occupational systems.
- Use an understanding of the structures, functions, and cultural variations of families in early childhood education and human service settings.
- Interact, communicate, and work with diverse families in a variety of contexts.

**Credits: 3**

### HEC 212: Parent-Child Relations

Introduces the social, developmental, and cultural nature of parenting. Covers parent-child relationships in social contexts, the work of parenting, and issues facing contemporary parents and children.

This is an elective course designed for students completing the EEFS degree, while also providing an accessible, interesting, and relevant course to students who are seeking to meet their professional development requirements in early childhood education, parenting education, family life education, family service work, and/or those who want to learn more about parent-child relationships.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Identify major concepts, issues, and theories in parenting and family relationships.
- Understand the dynamics of parent-child relationships from birth to adolescence.

**Credits:** 3

### HEC 226: Child Development

Basic theories, research and principles of physical, cognitive, language, social and emotional development of children from the prenatal period through adolescence. Includes observation and classroom processes.

### Course Student Learning Outcomes

- Articulate normal growth and development using theories and principles of child development
- Express verbally and in writing how culture, environment and heredity influence children's development

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## Philosophy

### PHL 202: Ethics

Studies attempts by philosophers to account for the difference between right and wrong, for the notion of moral obligation and to answer the question: How should we lead our lives?

### Course Student Learning Outcomes

Students completing this course should be able to:

- Recognize the philosophical assumptions that are embedded in moral ideas and in philosophical works in order to define one's moral responsibility in contemporary society.
- Reflect on and evaluate ethical arguments from diverse sources in order to communicate effectively with others who might have a different opinion from one's own.
- Recognize and reflect on the interconnectedness of and the historical development of moral ideas in order to be conscious of the historical context of moral argumentation and its significance in our culture and the culture of others.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### PHL 209: Business Ethics

Reviews some historical and contemporary ethical theories and ethical issues that arise in several aspects of business, such as, management, use of computers, marketing, accounting, and doing business in an international setting. Includes the social responsibilities of corporations, the rights of workers, truth in advertising, the environmental impact of doing business, affirmative action in hiring, sexual harassment in the workplace, respect for cultural differences, and the responsibilities of the individual in the corporate setting.

### Course Student Learning Outcomes

Students completing this course should be able to

- Understand core ethical theories in order to develop morally sound responses toward the challenges of business.
- Recognize and confront the ethical issues that arise in business in order to address them in ways that best satisfy the triple bottom line consisting of people, planet, and profit.
- Comprehend and abide by the professional and ethical standards appropriate for business professionals.
- Analyze and evaluate ethical arguments in order to enhance communication and reflection within social conversations pertaining to business related issues.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## Physical Education

### PE 121A: Modern Dance I

Introduces fundamentals of Modern Dance technique with a focus on correct alignment, development of strength, flexibility, range of motion, and stability, and dance specific terminology.

### Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Apply lessons in Modern Dance-specific anatomy, safe practices, and injury prevention in order to improve well-being and Modern Dance performance.
- Engage in and appreciate different forms of artistic expression through Modern Dance.
- Interpret Modern Dance terminology to critically analyze performances.

Credits: 1

### PE 141A: Disc Golf

Provides disc golf instruction in skills, drills and game play. Emphasizes history, etiquette, rules, vocabulary and strategy. Promotes skill related components of physical fitness (agility, balance, coordination, power, speed and reaction time).

Students will play at nearby parks, to be determined. Will need to bring 3 discs (driver, mid-range disc and a putter.)

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Improve overall physical conditioning through participation in disc golf including but not limited to skill-related fitness.
- Perform safe and effective skills and techniques for disc golf.
- Apply knowledge of rules and scoring when playing disc golf.
- Develop a lifelong fitness health and wellness program that incorporates disc golf.

Credits: 1

### PE 142A: Zumba Fitness I

Introduces Zumba Fitness to improve health and overall wellness through structured group exercise. Promotes improvement of cardiorespiratory conditioning, muscle endurance and flexibility.

Each student supplies his/her own clothing. Clothing should be loose and comfortable fitting for exercise. Shoes are mandatory and should be designed for aerobic/cardiorespiratory exercise – specifically lateral and high impact movements. General class format includes a warm-up, a cardiorespiratory conditioning segment, muscular endurance and strength exercises, stretches for flexibility and relaxation, and a cool-down.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Apply the benefits of cardiorespiratory fitness and muscular endurance as attained in Zumba.
- Incorporate basic Zumba skills into lifelong fitness programming.

Credits: 1

### PE 182A: Beginning Group Fitness

Promotes fitness, health, and overall wellness through structured group fitness classes. Introduces knowledge and skills needed to perform safe and proper group fitness exercises. Emphasizes improved cardiorespiratory conditioning, muscle strength and endurance, flexibility, and body composition. Skills covered may vary by campus, term, and/or instructor.

Each student supplies his/her own clothing. Clothing should be loose and comfortable fitting for exercise. Shoes are mandatory and should be designed for aerobic exercise. Class format includes warm-up, a cardiovascular segment, muscular endurance and strength exercise, flexibility, and cooldown.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Improve overall physical conditioning while participating in group fitness activities.
- Safely perform exercises in a group fitness environment.
- Develop a lifelong fitness, health, and wellness program that incorporates group fitness.

Credits: 1

### PE 182C: Walking for Fitness I

Introduces a self-paced walking program as a lifelong fitness activity that maintains and enhances physical fitness and well-being. Provides basic information and tools needed to understand, organize, plan, and implement a physical fitness program that features walking as the primary activity.

Student provides appropriate sport clothing activity. Sport shoes designed for walking are required.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Apply the components of an effective physical fitness program, utilizing walking as the primary activity.
- Improve physical conditioning by participating in a regular walking program.
- Perform basic fitness walking techniques.
- Apply proper technique to set pacing for safe and effective walking for fitness.

Credits: 1

### PE 182G: Tai Chi II

Continues the exploration of theories and movement principles, meditation and Yi (mind) development introduced in Tai Chi I. Expands upon the basic techniques to develop a life-long practice of Tai Chi.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Perform advanced postures to demonstrate a deeper connection to the Tai Chi form and movements.
- Apply advanced breathing and relaxation techniques with Tai Chi form and movements.
- Employ Tai Chi theory and techniques to enhance daily living and to help maintain lifetime fitness.

Credits: 1

Prerequisites:

[PE 182S](#)

Instructor permission also accepted.

### PE 182J: Gentle Yoga

Introduces Vinyasa yoga techniques to better manage stress. Incorporates a dynamic series of poses performed at a gentle pace. Covers basic yoga philosophy, asanas, pranayama, meditation and relaxation for a holistic approach to better health and wellness. Recommended for students with limited abilities and beginners who are not ready for Yoga I.

All gentle yoga students are required to participate in a one on one meeting with the instructor to assess the student's physical and mental needs and goals. Based on the result of the one on one meeting, the class will be adjusted to the overall needs of the students. An average class includes asanas for the major muscle groups, breathing techniques, balance activities, and skills for stress management. This course utilizes the use of equipment to help tailor fit the class to each individual student.

### Course Student Learning Outcomes

Upon completion of this class students should be able to:

- Utilize skills developed through participation in Vinyasa yoga to help maintain lifelong health and fitness.
- Apply Vinyasa yoga principles, language and techniques to physical conditioning programming.

Credits: 1

### PE 182K: Yoga I

Introduces the values and skills of Hatha yoga. Includes basic yoga philosophy and exercises for increased flexibility, improved health, relaxation, and reduced stress in daily living.

An average class includes asanas (exercises) for the major muscle groups, breathing techniques, balance activities, and skills for stress management. Course includes teacher directed activity, outside class research, planning, and study, films, videotapes, and the practice of relaxation techniques.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Improve physical conditioning related to flexibility through participation in Hatha yoga.
- Develop and maintain a personal yoga practice.

Credits: 1

### PE 182L: Yoga II

Expands application of the values and skills of Hatha yoga. Includes intermediate yoga exercises for increased flexibility, improved health, relaxation, and reduced stress in daily living.

Conducted as a learning-performing type class with outside individual research to enrich students' knowledge and skill. It includes teacher and student directed activity. Includes asana practice, relaxation practice, and videos to enrich learning. Each student will select a topic for further exploration and present a report to the class and a written report to the instructor.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Improve physical conditioning related to flexibility through participation in intermediate-level Hatha yoga.
- Develop and maintain a personal yoga practice, applying intermediate-level Hatha yoga skills.

Credits: 1

### PE 182Q: Self-Paced Fitness

Introduces a self-paced physical exercise program encompassing cardiovascular conditioning, strength training and flexibility exercises. Incorporates individual and independent physical exercise and requires tracking exercises in a log/journal.

This is a hybrid course that may meet at the beginning and end of the term for pre/post evaluation.

### Course Student Learning Outcomes

Upon completion of this class, students should be able to:

- Incorporate flexibility, cardiovascular conditioning and strength training in future exercise programs.
- Apply skills/techniques for lifelong fitness.
- Track fitness activity.
- Apply principles, terminology, and techniques for overall conditioning.

Credits: 1

### PE 182S: Tai Chi I

Explores this ancient form of gentle movement which emphasizes balance, concentration and coordination. Addresses traditional styles of Tai Chi, meditation and Yi (mind) development techniques in an easy to follow format.

The Tai Chi style taught may vary between instructors.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Apply basic movements and kinesthetic awareness utilizing beginning Tai Chi techniques.
- Incorporate the principles, language, and techniques of Tai Chi daily.

Credits: 1



### PE 183A: Beginning Hiking

Introduces hiking concepts and skills necessary to hike safely as a regular fitness activity. Includes fitness for hiking, route planning, safety, and environmental considerations. Required: Be able to comfortably walk on outdoor trails for three miles or more. Be prepared for day hiking trips off campus by providing your own transportation, parking fees and equipment.

Student provides appropriate clothing, shoes, and equipment. Small backpack, water bottle/bladder, and hiking or trail shoes required.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Improve overall physical conditioning through participation in hiking activities.
- Apply basic hiking skills and concepts when planning safe and enjoyable hikes.
- Utilize environmentally conscious practices when participating in hiking activities.
- Recognize how to use hiking in a lifelong fitness, health, and wellness program.

Credits: 1

### PE 183X: Tae Kwon Do I

Introduces a working knowledge of the fundamental techniques employed in the art of Tae Kwon Do.

Student provides appropriate sport clothing for activity.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Improve overall body conditioning
- Improve strength, coordination, speed, power, balance, and focus
- Advance student's growth and conditioning toward lifelong fitness
- Develop knowledge and skills in Tae Kwon Do
- Recognize and apply benefits of Tae Kwon Do
- Improve whole body agility and correct alignment
- Develop kinesthetic awareness

Credits: 1

### PE 247: Surfing

Introduces the fundamentals of the sport of surfing; including the history, safety, and etiquette of surfing. Covers the knowledge and experience needed to make intelligent decisions regarding present and future surfing sessions. Includes pool sessions and surfing in the ocean.

Each student will be charged an additional \$105.00 on top of the class tuition to cover the cost of the pool rental, surfing gear, and additional instructors. All students will be required to provide their own transportation to the Newport Swimming Pool and Ossies Surf Shop on the days scheduled for those specific activities. All surfing rental gear will be provided by Ossies Surf Shop; student provides own swim suit, towel, and water bottle for the pool and surfing sessions.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Demonstrate basic skills required to identify, catch, and ride waves.
- Describe and exhibit proper surfing etiquette.
- Perform appropriate surfboard maintenance.
- Promote awareness of environmental issues as they relate to surfing.
- Identify and describe appropriate beach weather conditions to determine whether or not it is safe to engage in any activities in the area.

Credits: 1

### PE 295: Health and Fitness for Life Lab

Explores the interrelationship of the five components of physical fitness, basic nutrition concepts, and stress management activities to increase individual health and wellness through lab sessions, fitness assessments, and fitness program development.

In this course students evaluate their personal health status. They will participate in all five components of wellness during the class and experience their interconnection. Health and Fitness Lab is a transferable course. Students must simultaneously enroll in HE 295 lecture. Lab sections are available for students with disabilities.

### Course Student Learning Outcomes

Upon successful completion, students should be able to:

- Evaluate their fitness
- Make informed choices in choosing exercise programs to maintain or improve their levels in the five components of physical fitness.
- Make informed lifestyle choices that will maintain their physical fitness throughout their lives.

Credits: 1

Co-Requisites:

[HE 295](#)

## Physics

### PHY 101: Force, Motion, and Energy

Introduces mechanics, vectors, energy, simple machines, and satellite motion. Designed as a laboratory science course for non-science majors.

### Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Apply knowledge of mechanics and vectors to explain natural physical processes and related technological advances.
- Use an understanding of elementary mathematics along with physical principles to effectively solve problems encountered in everyday life, further study in science, and in the professional world.
- Design experiments and acquire data in order to explore physical principles, effectively communicate results, and critically evaluate related scientific studies.
- Assess the contributions of physics to our evolving understanding of global change and sustainability while placing the development of physics in its historical and cultural context.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 65](#)

[MTH 98](#)

MTH 65 or MTH 98 accepted. Equivalent placement test scores also accepted.

### PHY 102: Atoms, Matter, and Heat

Introduces properties of matter, heat and thermodynamics, and atomic and nuclear physics. Designed as a laboratory science course for non-science majors.

### Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Apply knowledge of the properties of matter, thermodynamics, and atomic and nuclear physics to explain natural physical processes and related technological advances.
- Use an understanding of elementary mathematics along with physical principles to effectively solve problems encountered in everyday life, further study in science, and in the professional world.
- Design experiments and acquire data in order to explore physical principles, effectively communicate results, and critically evaluate related scientific studies.
- Assess the contributions of physics to our evolving understanding of global change and sustainability while placing the development of physics in its historical and cultural context.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 65](#)

[MTH 98](#)

MTH 65 or MTH 98 accepted. Equivalent placement test scores also accepted.

### PHY 103: Sound, Light, and Electricity

Introduces waves and sound, electricity and magnetism, and light and optics. Designed as a laboratory science course for non-science majors.

### Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Apply knowledge of sound waves, electricity and magnetism, and light to explain natural physical processes and related technological advances.
- Use an understanding of elementary mathematics along with physical principles to effectively solve problems encountered in everyday life, further study in science, and in the professional world.
- Design experiments and acquire data in order to explore physical principles, effectively communicate results, and critically evaluate related scientific studies.
- Assess the contributions of physics to our evolving understanding of global change and sustainability while placing the development of physics in its historical and cultural context.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 65](#)

[MTH 98](#)

MTH 65 or MTH 98 accepted. Equivalent placement test scores also accepted.

### PHY 201: General Physics I

Introductory physics (algebra based) for science majors, pre-medical, pre-dental, pre-chiropractic and pre-physical therapy students. Topics include mechanics including statics, forces and motion energy, collisions, circular motion and rotational dynamics.

#### Addendum to Course Description

This is a pre-calculus introductory physics course for pre-medical, pre-dental, pre-chiropractic and pre-physical therapy students and students working toward a degree. Topic of study is mechanics, and includes statics, forces and motion, energy, collisions, circular motion and rotation. This course meets college transfer, Oregon Block Transfer and program requirements as listed above.

### Course Student Learning Outcomes

After completion of this course, students will:

- Apply knowledge of linear motion, forces, energy, and circular motion to explain natural physical processes and related technological advances.
- Use an understanding of algebraic mathematics along with physical principles to effectively solve problems encountered in everyday life, further study in science, and in the professional world.
- Design experiments and acquire data in order to explore physical principles, effectively communicate results, and critically evaluate related scientific studies.
- Assess the contributions of physics to our evolving understanding of global change and sustainability while placing the development of physics in its historical and cultural context.

Credits: 4

Prerequisites:

[MTH 111](#)

### PHY 202: General Physics II

Topics include mechanical properties of matter, heat, waves, sound and light. Algebra-based physics.

#### Addendum to Course Description

This is a pre-calculus introductory physics course for pre-medical, pre-dental, pre-chiropractic and pre-physical therapy students and students working toward a degree. Study topics include mechanical properties of matter, heat, waves, sound and light. This course meets college transfer, Oregon Block Transfer and program requirements as listed above.

### Course Student Learning Outcomes

After completion of this course, students will

- Apply knowledge of thermodynamics, sound waves, and light waves to explain natural physical processes and related technological advances.
- Use an understanding of algebraic mathematics along with physical principles to effectively solve problems encountered in everyday life, further study in science, and in the professional world.
- Design experiments and acquire data in order to explore physical principles, effectively communicate results, and critically evaluate related scientific studies.
- Assess the contributions of physics to our evolving understanding of global change and sustainability while placing the development of physics in its historical and cultural context.

Credits: 4

Prerequisites:

[PHY 201](#)

### PHY 203: General Physics III

Topics include electricity, magnetism and radioactivity. Algebra-based physics.

#### Addendum to Course Description

This is an pre-calculus introductory physics course for pre-medical, pre-dental, pre-chiropractic and pre-physical therapy students and students working toward a degree. Study topics include electricity, magnetism and modern physics. This course meets college transfer, Oregon Block Transfer and program requirements as listed above. This is an algebra-based physics course required for students majoring in biology, pre-medicine, pre-dentistry, architecture, and many other degree programs. The course is transferable to colleges or universities. Students should be aware of the program requirements of the institution to which they wish to transfer.

### Course Student Learning Outcomes

After completion of this course, students will

- Apply knowledge of electricity, magnetism, and modern physics to explain natural physical processes and related technological advances.
- Use an understanding of algebraic mathematics along with physical principles to effectively solve problems encountered in everyday life, further study in science, and in the professional world.
- Design experiments and acquire data in order to explore physical principles, effectively communicate results, and critically evaluate related scientific studies.
- Assess the contributions of physics to our evolving understanding of global change and sustainability while placing the development of physics in its historical and cultural context.

Credits: 4

Prerequisites:

[PHY 201](#)

### PHY 211: General Physics (Calculus) I

Topics include concepts in mechanics and their relationship to practical applications for science and engineering majors.

#### Addendum to Course Description

This is a calculus-based physics course required for students majoring in engineering, physics and chemistry. The course is transferable to other baccalaureate engineering programs. Students should be aware of the program requirements of the institutions to which they wish to transfer. This course conforms with the Oregon Block Transfer program.

### Course Student Learning Outcomes

After completion of this course, students will

- Apply knowledge of motion, forces, energy, and circular motion to explain natural physical processes and related technological advances.
- Use an understanding of calculus along with physical principles to effectively solve problems encountered in everyday life, further study in science, and in the professional world.
- Design experiments and acquire data in order to explore physical principles, effectively communicate results, and critically evaluate related scientific studies.
- Assess the contributions of physics to our evolving understanding of global change and sustainability while placing the development of physics in its historical and cultural context.

Credits: 5

Prerequisites:

[MTH 251](#)

Co-Requisites:

[MTH 252](#)

May also be accepted as a prerequisite.

### PHY 212: General Physics (Calculus) II

Topics include concepts in fluid mechanics, waves, thermodynamics and optics.

#### Addendum to Course Description

This is a calculus-based physics course required for students majoring in engineering, physics and chemistry. The course is transferable to other baccalaureate engineering programs. Students should be aware of the program requirements of the institutions to which they wish to transfer. This course conforms with the Oregon Block Transfer program.

### Course Student Learning Outcomes

After completion of this course, students will

- Apply knowledge of fluids, thermodynamics, sound waves, and light waves to explain natural physical processes and related technological advances.
- Use an understanding of calculus along with physical principles to effectively solve problems encountered in everyday life, further study in science, and in the professional world.
- Design experiments and acquire data in order to explore physical principles, effectively communicate results, and critically evaluate related scientific studies.

Assess the contributions of physics to our evolving understanding of global change and sustainability while placing the development of physics in its historical and cultural context.

Credits: 5

Prerequisites:

[PHY 211](#)

### PHY 213: General Physics (Calculus) III

Topics include concepts in electromagnetism together with their relationship to practical applications.

#### Addendum to Course Description

This is a calculus-based physics course required for students majoring in engineering, physics and chemistry. The course is transferable to other baccalaureate engineering programs. Students should be aware of the program requirements of the institutions to which they wish to transfer. This course conforms with the Oregon Block Transfer program.

### Course Student Learning Outcomes

After completion of this course, students will

- Apply knowledge of electricity and magnetism to explain natural physical processes and related technological advances.
- Use an understanding of calculus along with physical principles to effectively solve problems encountered in everyday life, further study in science, and in the professional world.
- Design experiments and acquire data in order to explore physical principles, effectively communicate results, and critically evaluate related scientific studies.

Assess the contributions of physics to our evolving understanding of global change and sustainability while placing the development of physics in its historical and cultural context.

Credits: 5

Prerequisites:

[PHY 211](#)

# Political Science

## PS 201: U.S. Government

Examines the development of constitutional traditions in the United States. Includes topics such as the Bill of Rights, interest groups, parties, and elections, as well as, the national institutions including the Legislative, Executive and Judicial branches of government.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Apply an understanding of diversity of human experience and culture in relationship to how we think and interact with others with regards to interest groups, political parties and other political realities in the United States.
- Employ different methods of inquiry and analytical skills to conceptually organize experiences and discern meaning from ongoing study of U. S. Constitutional traditions involving national political institutions, including the Legislative, Executive and Judicial branches of U. S. Government.
- Analyze the roles of individuals and political institutions as these relate to contemporary problems and issues associated with the Bill of Rights, and equal rights under the law, and other political issues.
- Reason quantitatively and qualitatively in both written and oral communication to address national problems within US national political institutions.
- Develop and articulate personal value judgments, respecting different points of view, while practicing ethical and social requirements of responsible citizenship by participating in elections, accessing the various government institutions, and engaging in other opportunities for action in a democratic society.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## PS 202: U.S. Public Policy & Democracy

Examines the public administration of and management issues relating to US national bureaucratic institutions. Covers how these impact a wide range of domestic policies including taxation, spending priorities, economic regulations, poverty programs, healthcare, and environmental programs, social security and other entitlements.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Apply an understanding of diversity of human experience and culture in relationship to how we think and interact with others with regards to conflicts associated with formulating national public policy such as taxation and spending policies.
- Employ different methods of inquiry and analytical skills to conceptually organize experiences and discern meaning from ongoing study of national bureaucratic institutions of U.S. politics as these operate in relation to Legislative, Executive and Judicial mandates.
- Analyze the roles of individuals and political institutions as these relate to contemporary controversies regarding a wide range of domestic public policy issues in the US.
- Reason quantitatively and qualitatively to address national problems with public administration within US bureaucratic institutions, including various management styles.
- Develop and articulate personal value judgments, respecting different points of view, while practicing ethical and social requirements of responsible citizenship by participating in the shaping of national political priorities and policies.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### PS 203: State and Local Government

Examines state and local government policy formulation and outcomes on issues ranging from taxation to prisons, and education to environmental concerns. Focuses on Oregon state and local politics. PS 201, 202, and 203 need not be taken in sequence.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Apply an understanding of diversity of human experience and culture in relationship to how we think and interact with others with regards to
- controversies associated with state and local government policies.
- Employ different methods of inquiry and analytical skills to conceptually organize experiences and discern meaning from ongoing study of state and
- local government policymaking structures and policy formulation.
- Analyze the roles of individuals and political institutions as these relate to contemporary problems and issues ranging from taxation to
- prisons and education to environmental concerns.
- Use the ability to reason quantitatively and qualitatively using analytical skills expressed in both written and oral communication to address
- political problems at the state and local government levels in the U.S.
- Develop and articulate personal value judgments, respecting points of view, while practicing ethical and social requirements of responsible citizenship
- by participating in elections, and other opportunities for action at the state and local government levels in the U.S.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### PS 205: Global Politics: Conflict & Cooperation

Examines the nature of relations among states. Topics include motivating factors such as nationalism and imperialism, economic rivalries and the quest for security, questions of national sovereignty and international cooperation, war and peace, global issues, and the future.

## Course Student Learning Outcomes

Students will be able to

- Explore how culturally based assumptions shape any countries' foreign policies and international interactions , as well as, with intergovernmental organizations and nongovernmental organizations.
- Examine historical bases for evolving economic and political relationships among national states , including the impact of diverse cultural ideas, behaviors, and issues upon these relationships, (for example , how economic globalization often includes elements of cultural imperialism).
- Analyze how policies relating to International Law and Human Rights (including issues of privilege, discrimination, environmental degradation) are often a function of unequal international power relationships.
- Formulate and apply personal value judgments, while demonstrating sensitivity and empathy for people of other nations with different points of view.
- Engage in lifelong learning that includes the ability to conceptually organize information while practicing ethical and social requirements of responsible global citizenship.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.



# Psychology

## PSY 101: Psychology and Human Relations

Applies psychological principles to relationships in both personal and professional environments. Includes an overview of basic personality and social psychology concepts, as well as specific skill development in the areas of communication, listening, and conflict resolution.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Apply an understanding of psychological and social influences on human behavior to objectively analyze one's own interpersonal experiences and relationships.
- Utilize intra- and interpersonal management skills to increase effectiveness in personal and professional relationships.
- Use knowledge of culturally diverse practices to increase sensitivity and competence in a variety of social and cultural interactions.
- Communicate, listen, and manage conflict more effectively in personal and professional relationships.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## PSY 201A: Introduction to Psychology - Part 1

Surveys the major concepts, theoretical perspectives, empirical findings, and historical trends in scientific research, biological psychology, sensation and perception, learning theory, memory, language, cognition, consciousness, and human development. Provides an overview of popular trends, examines the overarching themes of heredity vs. environment, stability vs. change, and free will vs. determinism, and emphasizes the sociocultural approach which assumes that gender, culture, and ethnicity are essential to understanding behavior, thought, and emotion. Psychology 201A is the first term of a two-term sequence in introductory psychology.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Articulate how psychological research adheres to ethical and scientific principles, and communicate the difference between personal views and scientific evidence in understanding behavior.
- Delineate the credentials, skills, and experiences required for a career path in psychology and identify broad career opportunities associated with the various subfields of psychology at different educational levels.
- Recognize and respect human diversity while anticipating that psychological explanations may vary across populations and contexts, and exhibit sensitivity to feelings, emotions, motives, and attitudes regarding specific behavioral concerns.
- Analyze personal lifestyle and apply problem-solving techniques to situations while understanding the limitations of one's psychological knowledge and skills, recognizing that ethically complex situations can develop in the application of psychological principles.
- Evaluate public and private assumptions concerning individual and group differences using a global and multifaceted sociocultural approach.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### PSY 202A: Introduction to Psychology - Part 2

Surveys the major concepts, theoretical perspectives, empirical findings, and historical trends in personality theory, psychological disorders, therapy, emotion, motivation, intelligence, health psychology, and social psychology. Provides an overview of popular trends, examines the overarching themes of heredity vs. environment, stability vs. change, and free will vs. determinism, and emphasizes the sociocultural approach which assumes that gender, culture, and ethnicity are essential to understanding behavior, thought, and emotion. Psychology 202A is the second term of a two-term sequence in introductory psychology.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Analyze personal lifestyle and apply problem-solving techniques to situations while understanding the limitations of one's psychological knowledge and skills, recognizing that ethically complex situations can develop in the application of psychological principles.
- Recognize and respect human diversity while anticipating that psychological explanations may vary across populations and contexts, and
- exhibit sensitivity to feelings, emotions, motives, and attitudes regarding specific behavioral concerns.
- Discern the difference between personal views and scientific evidence and identify claims arising from myths, stereotypes, common
- fallacies, and poorly supported assertions regarding behavior.
- Articulate the ways that psychological theories can facilitate personal, social, and organizational change, describe issues pertaining to psychological aspects of human dignity, and anticipate that psychological explanations may vary among populations and contexts.
- Evaluate public and private assumptions concerning individual and group differences using a global and multifaceted sociocultural approach.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### PSY 213: Introduction to Behavioral Neuroscience

Surveys the role of the brain and nervous system in behavior, psychological functioning, and neurophysiological processes that underlie human development.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Identify the brain's neuroanatomy and its functions throughout the nervous system to understand behavior and mental processes.
- Use the human sensory system to understand the biology of sleep and the role of the visual system, and the functions of sustaining life.
- Use an understanding of neurophysiology principles to associate the effects of psychopharmacology on human development and, pathological behavior.
- Evaluate and understand the role of brain functioning in the development, diagnosis, and treatment of brain-based disorders
- Apply an understanding of brain functioning to the conduct of one's own life.
- Apply this knowledge to abilities including attention, learning, perception of others and decision making.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

[PSY 201A](#)

Equivalent placement test scores also accepted. PSY 201A or one year of biology accepted.

### PSY 214: Introduction to Personality

Covers a variety of personality theories including the theoretical and scientific explanations for individuals' characteristic patterns of perception, thought, emotion and behavior. Emphasizes the understanding and mastery of personality constructs applied to students' personal and professional lives.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Analyze the determinants of personality characteristics to better understand their effects on cognitions, emotions, and behavior.
- Think critically about and apply theoretical and research-based explanations for human behavior in order to successfully negotiate the
- challenges of daily living.
- Apply the major personality domains and theories to better understand one's own behavior and the behavior of others.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### PSY 215: Human Development

Surveys major developmental theories and patterns of change and continuity from birth to death in human subjects. Emphasizes biological, cognitive, and emotional development through the lifespan. Examines cultural influences on development.

### Course Student Learning Outcomes

Students should be able to:

- Utilize knowledge of variables that influence development throughout the life span and apply this knowledge to become more effective parents, professionals, and citizens of the global community.
- Relate the scientific knowledge of development from conception to death including the biological, emotional, cognitive, and psychosocial influences in order to make effective personal and professional decisions.
- Evaluate research using a multidisciplinary view of development that includes cross-cultural perspectives.
- Apply critical thinking to analyze and problem solve the developmental concerns from birth to death.
- Utilize knowledge of prenatal and child development, cognitive foundations of intelligence, and emotional development throughout the lifespan to evaluate and improve human potential.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### PSY 216: Social Psychology

Surveys the scientific study of how individuals think about, influence, and relate to one another with respect to social beliefs, persuasion, attraction, conformity, obedience, prejudice, aggression, and pro-social behaviors.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Apply an understanding of the impact of social and cultural forces on one's sense of self, values, and beliefs to more effectively analyze human thinking and behaviors.
- Critically evaluate research to understand and explain confusing, conflictual or distressing human social behavior.
- Relate social psychological concepts and theories to the context of historic and current world, national, and local events, as well as to understanding one's own life experiences.
- Apply social psychological concepts and theories to reduce anti-social attitudes and behaviors and increase pro-social attitudes and behaviors within individuals and groups.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### PSY 222: Family & Intimate Relationships

Explores processes involved in both traditional and non-traditional relationships and families: including love, cohabitation, dating, marriage, parenting, communication and conflict resolution, sexuality, balancing work and family, domestic violence, divorce, remarriage, and blended families.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Critically evaluate scientific research (including electronic and peer-reviewed databases) and media reports concerning intimate relationships in order to make more informed decisions about one's own relationships.
- Apply knowledge about cultural differences in relationship patterns to better understand and appreciate diverse belief systems in one's own and others' relationships.
- Use knowledge of communication, conflict resolution, sexuality, power, attraction, and social cognition to establish, develop and maintain satisfying intimate relationships.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### PSY 231: Human Sexuality

Explores sexual issues from scientific and humanistic perspectives. Surveys historical, cultural and cross-cultural variation in sexuality, sex research, female and male sexual and reproductive anatomy and physiology, gender issues, sexual response, sexual communication, sexual behavior patterns, love, and sexual orientations. This is the first course in a two-course sequence.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Improve sexual health and functioning through the critical evaluation of scientific and popular information.
- Practice sexual health and enhance sexual satisfaction based on a) the knowledge of sexual anatomy and physiology, b) the ability to communicate effectively about sexuality with partners, family members, and health-care providers, and c) understanding of psychological influences on sexual decision-making and health behaviors.
- Use an understanding of historical, biological, social, psychological, and cultural contexts of diverse sexual practices in order to be accepting of others' consensual behaviors.
- Be open to and accepting of diversity in others' gender identity, gender role expression, sexual orientation and variations, in order to promote community well-being.
- Establish, maintain, and enhance intimate relationships through the utilization of research based principles.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### PSY 232: Human Sexuality

Explores sexual issues from scientific and humanistic perspectives. Surveys sexuality through the life cycle, sexual problems, sexual satisfaction, contraception, conception, sexuality and disability, sex and chronic illness, sexually transmitted infections, sexual victimization, atypical sexual behavior, and the commercialization of sex. This is the second course in a two course sequence.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Enhance relationships with sexual partners and the community through knowledge of biological, psychological and cultural milestones in human sexual development.
- Effectively manage sexual problems and develop broader understanding of those with chronic illnesses and disabilities that impact sexual functioning.
- Make informed decisions about contraception, abortion, pregnancy and the birthing process through knowledge of human reproduction, psychosocial and cultural factors.
- Implement safer sex practices through awareness, treatment and effective communication with partners and diverse community members regarding sexually transmitted infections.
- Enhance satisfaction with sexual relationships through informed decisions utilizing knowledge of problematic (coercive, paraphilic) and functional (consensual, atypical) sexual behaviors.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

**PSY 236: Psychology of Adult Development and Aging**

Provides an overview of the biological, cognitive, and psychosocial aspects of adulthood and aging including theories of aging and specific research in the field of gerontology. Focuses on genetic and environmental factors that influence health as we age. Includes the challenges specific to gender, ability level, and culture.

Topics include age-related changes in memory and other cognitive abilities, self-perceptions, mental health (including addictions, Alzheimer's Disease and other dementias), personality changes, coping with stress as well as changes that arise as people adapt to various life transitions (widowhood, retirement, loss, etc.). Myths and stereotypes associated with aging are examined as they relate to specific effects on individuals.

**Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Use knowledge of biological, cognitive, and psychosocial processes in order to assist self and others to understand various aging trajectories.
- Assess the psychosocial needs of specific adult populations with varying physical and cognitive functioning levels and plan how those needs could be met within specific living situations.
- Critically evaluate research on biological, cognitive, and psychosocial issues as they arise in a rapidly changing and aging world.
- Apply concepts from developmental psychology to optimize aging in self and others.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

**PSY 239: Introduction to Abnormal Psychology**

Surveys the history, theories, etiology, assessment, diagnosis, and treatment of the spectrum of psychological disorders.

**Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Enhance personal and social interactions by using the knowledge of the history and major theories of abnormal behavior.
- Better understand one's own and others' behavior by applying the knowledge of assessment, diagnosis, classification systems and DSM categories.
- Become a more effective consumer of and advocate for mental health care services through an understanding of the various approaches to the diagnosis and treatment of psychological disorders.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

[PSY 201A](#)

[PSY 202A](#)

Equivalent placement test scores also accepted. PSY 201A or PSY202A may be accepted.

### PSY 240: Personal Awareness and Growth

Explores multidimensional perspectives on personal growth and awareness, and how to apply this knowledge to healthy cognitive and behavioral practices in daily living. Covers dimensions of growth including physical, intrapersonal, interpersonal, cognitive, occupational/educational, communal/environmental, and spiritual. Introduces various aspects of personal growth including how childhood and adolescent development and experiences affect thinking, feelings, and behavior; differentiation; self-discipline and resilience; authentic happiness; love and relationships; stress management; creative expression; body image and awareness; education and job/career pursuits; loneliness and solitude; death; and loss.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Describe seven dimensions of personal growth (physical, intrapersonal, interpersonal, cognitive, occupational/educational, communal/environmental, and spiritual) and specific indicators of awareness and growth in each of these dimensions.
- Apply current psychological research (in cognitive-behavioral therapy, positive psychology, neuroscience, environmental and community psychology, assertive communication, stress management, and resilience) with the intention of achieving more satisfying and constructive everyday thinking and behavior.
- Explain how the concept of personal growth varies cross-culturally and developmentally, and how one can, using critical thinking and personal reflection, effectively use this knowledge to be more flexible with differences in personal and professional relationships.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## Reading

### RD 90: Reading 90

Improves reading through work on vocabulary development, motor skills, comprehension and some reading rate improvement.

### Course Student Learning Outcomes

- Find and articulate the main idea and major details in a variety of written text: textbooks, literature, newspapers, and magazines.
- Read critically and think critically, distinguishing fact from opinion and determining the author's purpose and bias.
- Use reading for pleasure, learning, and intellectual stimulation.
- Employ vocabulary development strategies.
- Adjust reading rate to the nature of the material.
- Exhibit successful college student behaviors.
- Perform successfully in Reading 115.

**Credits:** 3

### RD 115: College Reading

Focuses on expanding reading frequency and effectively reading complex college level texts; Emphasizes comprehension strategies, critical reading and thinking skills, information literacy, vocabulary development, student success strategies and adapting reading rate to different reading tasks.

### Course Student Learning Outcomes

Improve reading rate, vocabulary and comprehension. Includes formation of efficient reading habits, vocabulary development, inferential and critical reading, and adapting reading rate to different reading tasks.

**Credits:** 4

**Prerequisites:**

[RD 90](#)

Equivalent placement test scores also accepted.

### RD 117: Advanced College Reading

Further exploration of topics covered in RD 115, emphasizing inferential, critical, and technical reading.

## Course Student Learning Outcomes

After successful completion of Reading 117, students will be able to:

- Read textbooks and research material with increased effectiveness
- Expand both general and specialized vocabularies
- Develop inferential reading skills
- Develop awareness and application of nuances, imagery, figurative language, connotation, symbolism, irony, and satire
- Read not only with enjoyment but with a sense of enlightenment
- Respond to texts both verbally and in writing, presenting ideas and opinions based on the reading
- Access campus support services and other learning resources

**Credits:** 3

**Prerequisites:**

[RD 115](#)

## Religious Studies

### R 210: World Religions

Examines the major religions of the world, including Hinduism, Buddhism, Chinese religions, Christianity, Judaism, and Islam. Attention is given to their founders and history, myths and doctrines, rituals and traditions, and social and personal ethics.

## Course Student Learning Outcomes

Upon successful completion students will be able to:

- Articulate an understanding of the world's religions to interact appropriately with practitioners of those religions.
- Participate in a pluralistic society and global economy with an understanding of the variety of religious beliefs.
- Engage in critical thinking in order to recognize and reflect on the impact of religion in different cultures and on global events.
- Examine the history and development of the world's religions, including their myths and doctrines, personal and social ethics, as well as their interactions with each other and how they are modified as they spread to surrounding cultures.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement also accepted.



# Sociology

## SOC 204: Sociology in Everyday Life

Introduces the sociological perspective and the scientific study of human social behavior. Focuses on the core concepts, theories, and research on human interactions within social groups and how people are shaped by their social locations (status, roles, race, class, sex, age, etc.) within society's structures, stratification systems, and institutions, and by cultural processes such as socialization and group dynamics.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Apply sociological perspectives and the sociological imagination in their everyday lives, to reflect on structural and cultural contexts and current events.
- Identify social inequality and stratification systems to evaluate the impact on societies.
- Participate as active citizens in their societies and communities, demonstrating respect for diversity, critical thinking, and collaboration.

**Credits:** 4

**Prerequisites:**

[RD 115](#)

Equivalent placement test scores also accepted.

## SOC 205: Social Change in Societies

Explores how societies change by utilizing sociological perspectives to compare and contrast the impacts of changes on individuals and our social institutions (such as the family, economy, politics, education, and religion).

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Apply sociological perspectives and use their sociological imagination in their reflections on the causes of social change and the impact of change on people and social institutions.
- Locate themselves (connect their personal biography and social status with societal history) in the process of social change and social movements.
- Participate as active citizens in their societies and communities, demonstrating respect for diversity, critical thinking, and collaboration.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### SOC 206: Social Problems

Applies the sociological perspective to the study of social problems, including their identification, analyses of causes and consequences, and considerations of possible solutions. Explores topics such as inequality, poverty, crime and delinquency, substance abuse, discrimination, domestic violence, the environment, global stratification, and international conflict.

### Course Student Learning Outcomes

Upon successful completions students should be able to:

- Apply sociological perspectives and use their sociological imagination in analyzing the causes and consequences of social problems and evaluating
- social actions and policies.
- Locate themselves within social contexts (connect their personal biography and social status with societal history) to reflect on the processes that shape and address social problems.
- Participate as active citizens in their societies and communities, demonstrating respect for diversity, critical thinking, and collaboration in problem-solving.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### SOC 213: Diversity in the United States

Frames social status differences within the context of social structure and culture. Examines how inequalities and privilege play out through social status and are reinforced through both culture and social structure. Includes statuses such as: race, gender, ethnicity, sexual orientation, age, etc. Includes concepts such as: privilege, social stratification, cultural bias, institutional inequality, and social construction.

This course provides a sweeping sociological overview of diversity in the United States. While covering the specific areas of race, ethnicity, gender, age, social class, and sexual orientations, it also deals with topics generally related to diversity. For example, concepts and topics such as the following are typically included: racism, sexism, stratification, stereotyping and ethnocentrism, hate violence, youth violence, and immigration laws and impacts.

### Course Student Learning Outcomes

Students successfully completing this course will be able to do the following:

- Apply sociological perspectives and use their sociological imagination in analyzing the causes and consequences of social inequality and evaluating social actions and policies as they reproduce privilege and institutional discrimination.
- Locate themselves within their various social statuses and how those play out social contexts (connect their personal biography and social status with societal history) to reflect on the processes that shape and address the structure and operation of systems of stratification.
- Participate as active citizens in their societies and communities, demonstrating respect for diversity, critical thinking, and collaboration in addressing inequality and privilege as it exists in current social actions and contexts.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

### **SOC 214A: Illumination Project: Tools for Creative Social Activism 1**

Applies the sociological perspective to the study of social problems and possible solutions. Explores topics such as institutional privilege, power and oppression, social identity, cultural assumptions and discrimination. Includes social analysis, group facilitation, social change interventions, creative production and basic acting. This is the first course of a three course sequence.

Students in this course will create live interactive theater performances that will be toured through out PCC campuses with some community performances. The performances are geared toward creating a campus and community climate that is inclusive and respectful of all people's culture, ethnicity, class, gender and sexual orientation, and other diversity. This course is a required component of The Illumination Project.

### **Course Student Learning Outcomes**

Upon successful completion students should be able to:

- Apply sociological perspectives and use their sociological imagination in analyzing the causes and consequences of social problems and evaluating
- social actions and reactions.
- Locate themselves within social contexts (connect their personal biography and social status with societal history) to reflect on the processes that shape and address social problems.
- Empathize with people, cultures and communities from backgrounds different than themselves.
- Employ knowledge of group processing, written and oral communication skills, artistic presentation and active listening in order to engage in community change and civic action.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

Instructor permission required.

### **SOC 214B: Illumination Project: Tools for Creative Social Activism 2**

Applies the sociological perspective to the study of social problems and possible solutions. Explores topics such as racism, immigration, xenophobia, institutional privilege and oppression and social activism through classroom and community presentations utilizing interactive theater. Includes social analysis, group facilitation, social change interventions, creative production and basic acting. This is the second course of a three course sequence.

Students in this course will create live interactive theater performances that will be toured through out OCCC campuses with some community performances. The performances are geared toward creating a campus and community climate that is inclusive and respectful of all people's culture, ethnicity, class, gender and sexual orientation, and other diversity. This course is a required component of The Illumination Project.

### **Course Student Learning Outcomes**

Upon successful completion students should be able to:

- Apply sociological perspectives and use their sociological imagination in analyzing the causes and consequences of social problems and evaluating
- social actions and reactions.
- Locate themselves within social contexts (connect their personal biography and social status with societal history) to reflect on the processes that shape and address social problems.
- Empathize with people, cultures and communities from backgrounds different than themselves.
- Employ knowledge of group processing, written and oral communication skills, artistic presentation and active listening in order to engage in community change and civic action.
- Use an understanding of social theories to educate others about institutional oppression and inequities based on racism and xenophobia as well as potential solutions to social problems.

**Credits:** 4

**Prerequisites:**

[SOC 214A](#)

Instructor permission required.

### **SOC 214C: Illumination Project: Tools for Creative Social Activism 3**

Applies the sociological perspective to the study of social problems and possible solutions. Explores institutional oppression and social activism through classroom and community presentations utilizing interactive theater. Includes social analysis, group facilitation, educational methods and practice, social change interventions, creative production and basic acting. This is the third course of a three course sequence.

Students in this course will create live interactive theater performances that will be toured through out campus with some community performances. The performances are geared toward creating a campus and community climate that is inclusive and respectful of all people's culture, ethnicity, class, gender and sexual orientation, and other diversity. This course is a required component of The Illumination Project.

### **Course Student Learning Outcomes**

Upon successful completion students should be able to:

- Apply sociological perspectives and use their sociological imagination in analyzing the causes and consequences of social problems and evaluating social actions and reactions.
- Locate themselves within social contexts (connect their personal biography and social status with societal history) to reflect on the processes that shape and address social problems.
- Empathize with people, cultures and communities from backgrounds different than themselves.
- Employ knowledge of group processing, written and oral communication skills, artistic presentation and active listening in order to engage in community change and civic action.
- Use an understanding of social theories to educate others about institutional oppression based on culturally defined meanings of difference as well as potential solutions to those social problems.
- Be prepared to facilitate difficult dialogues at a basic level around controversial social issues in a community and academic setting.

**Credits:** 4

**Prerequisites:**

[SOC 214B](#)

Instructor permission required.

### **SOC 218: Sociology of Gender**

Focuses on how socialization is affected by gender. Topics include how gender is reflected in culture through values, norms, language, media, power, violence, various theoretical approaches, significant social institutions, social movements and issues.

### **Course Student Learning Outcomes**

Students successfully completing this course will be able to apply the sociological perspective to the causes and consequences of gender roles in our lives and in the world around us and be able to identify and assess how interactions between gender, class, and race/ethnicity contribute to the stratification of society.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

# Spanish

## SPA 101: First Year Spanish - First Term

Emphasizes active communication in beginning Spanish. Includes listening, speaking, reading, writing, pronunciation, structure, vocabulary and culture. For beginners.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Manage basic interactions, in both oral and written forms, in highly predictable settings using basic vocabulary in the present tense.
- Develop circumlocution and inference skills, at a beginning level, when navigating a limited number of real world situations in Spanish.
- Recognize linguistic and cultural diversity within the Spanish-speaking world and how it differs and/or relates to one's own culture.
- Identify selected historical and cultural movements in the target culture through exposure to literature, art, music, film and/or performing arts in the target language.
- Acquire strategies for analyzing authentic materials in the target language.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

## SPA 102: First Year Spanish - Second Term

Continues the work of SPA 101. Emphasizes active communication in Spanish. Includes listening, speaking, reading, writing, pronunciation, structure, vocabulary, and culture.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Manage common interactions, in both oral and written forms, in predictable settings using the present and beginning work in the past tense.
- Apply circumlocution and inference skills, at a beginning level, when navigating selected real world situations in Spanish.
- Identify a limited range of linguistic and cultural diversity within the Spanish-speaking world and how it differs and/or relates to one's own culture.
- Apply a limited understanding of selected historical and cultural movements in the target culture through exposure to literature, art and performing arts in the target language.
- Apply some strategies for analyzing authentic materials in the target language.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

[SPA 101](#)

Equivalent placement test scores also accepted. SPA 101 or instructor permission accepted.

### SPA 103: First Year Spanish - Third Term

Continues the work of SPA 102. Emphasizes active communication in Spanish. Includes listening, speaking, reading, writing, pronunciation, structure, vocabulary, and culture.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Manage common interactions, in both oral and written forms, in a selected variety of settings using the present, past and future tenses.
- Further develop circumlocution and inference skills when navigating a variety of real world situations in Spanish.
- Reflect on linguistic and cultural diversity within the Spanish-speaking world and how it differs and/or relates to one's own culture.
- Apply a broader understanding of important historical and cultural movements in the target culture through exposure to literature, art and performing arts in the target language.
- Expand and strengthen strategies for analyzing authentic materials in the target language.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

[SPA 102](#)

Equivalent placement test scores also accepted. SPA 102 or instructor permission accepted.

### SPA 201: Second Year Spanish - First Term

Continues the work of first year Spanish, reviewing, expanding, and perfecting pronunciation, structure, and vocabulary for the purpose of active communication. Includes practice in reading and writing.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Handle a limited number of uncomplicated communicative tasks in straightforward social situations.
- Communicate using significant repetition, rephrasing, and circumlocution with native speakers accustomed to dealing with non-native speakers.
- Write using paragraph-length connected discourse to narrate and describe in present, past and future time frames with limited accuracy.
- Recognize and interpret cultural behaviors and attitudes within the Spanish-speaking world in relation to one's own cultural perspective.
- Further analyze historical and cultural movements in the target culture in relation to key works of art, literature, music, film and/or performing arts.
- Further develop and apply strategies for analyzing and responding to limited authentic materials in the target language.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

[MTH 20](#)

Equivalent placement test scores also accepted.

Completion of first year Spanish at college level or instructor permission accepted.

### SPA 202: Second Year Spanish - Second Term

Continues to expand structure and vocabulary for the purpose of active communication. Includes practice in reading and writing.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Handle a wider range of communicative tasks in selected social situations.
- Communicate more effectively with some rephrasing and circumlocution with native speakers accustomed to dealing with non-native speakers.
- Further develop discourse to narrate and describe in more detail and length using a variety of time frames and modes with greater accuracy.
- Expand understanding of cultural similarities and differences within the Spanish-speaking world in relation to one's own cultural perspective.
- Deepen understanding of historical and cultural movements through analysis of selected works of art, literature, music, film and/or performing arts from the target culture.
- Analyze and develop responses to selected authentic materials in the target language.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

[SPA 201](#)

Equivalent placement test scores also accepted. SPA 201 or instructor permission accepted.

### SPA 203: Second Year Spanish - Third Term

Continues to expand structure and vocabulary for the purpose of active communication. Includes practice in reading and writing.

## Course Student Learning Outcomes

Upon successful completion students should be able to:

- Manage most communicative tasks in a variety of social situations.
- Communicate effectively with some rephrasing and circumlocution with most native speakers.
- Narrate and describe with increased detail and length using a variety of time frames and modes with consistent accuracy.
- Understand the values underlying cultural behaviors and attitudes within the Spanish-speaking world and how it relates to one's cultural perspective.
- Compare and contrast historical and cultural movements through analysis of selected works of art, literature, music, film and/or performing arts from the target culture.
- Analyze and develop responses to abstract and complex ideas in a variety of authentic materials in the target language.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

[SPA 202](#)

Equivalent placement test scores also accepted. SPA 202 or instructor permission accepted.

# Welding

## WLD 101: Welding Processes & Applications

Covers welding processes, safety, equipment, and essential variables of operation.

### Addendum to Course Description

This is an outcome based course utilizing a lecture format. This course includes, but is not limited to: classroom discussions, multimedia presentations, and lab demonstrations covering technical skills. Course outcomes will include: technical concepts, safety and fundamentals of operation.

## Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Function safely in the OCCC Welding Lab.
- Operate the oxy-fuel welding and cutting systems in accordance with industry standards.
- Understand and apply fundamentals of SMAW Operations.
- Understand and apply fundamentals of GTAW Operations.
- Understand and apply fundamentals of GMAW Operations.
- Understand and apply code requirements for FCAW.
- Operate the Plasma Arc Cutting (PAC) hand held system in accordance to industry standards.
- Operate the Carbon Arc Cutting - Air (CAC-A) system in accordance to industry standards.

Credits: 4

Prerequisites:

MTH 20

RD 90

Co-Requisites:

RD 90

## WLD 102: Blueprint Reading

Covers the language of blueprints including lines, views, dimensioning, print organization, welding symbols and structural shapes.

### Addendum to Course Description

This is an outcome based course utilizing a lecture format. This course includes classroom discussions and practical demonstrations. Course outcomes will include the following: the ability to follow detailed verbal and written instructions, develop visualization and interpretation skills and understand and perform lay out.

## Course Student Learning Outcomes

Upon completion of the course students should be able to:

1. Evaluate the basic elements of a blueprint.
2. Create orthographic, oblique and isometric drawings by visualizing three dimensional objects.
3. Demonstrate an understanding of the AWS Welding Symbol and its location of elements.
4. Identify edge preparations and specifications for common weld types.
5. Demonstrate a basic understanding of metallurgy.
6. Identify common structural steel shapes and threaded and non-threaded fasteners.
7. Demonstrate a basic understanding of non-destructive examination (NDE).

Credits: 4

Prerequisites:

MTH 20

RD 90

Co-Requisites:

RD 90



### WLD 103: Math for Welders

Includes operations with whole numbers, fractions, decimals, algebraic expressions, and an introduction to practical geometry and trigonometry. Emphasis is on application, with realistic examples. Explores the use of common measuring tools employed in the industrial shop and trades and examines the types of computation and problem-solving methods utilized in industrial settings.

### Course Student Learning Outcomes

Upon successful completion of WLD 103, the student will be able to:

- Use mathematical principles and concepts (arithmetic, geometry, algebra, and trigonometry) as applicable to the Welding Trades.
- Demonstrate understanding of the meaning of units and how to convert them to other units.
- Use tape measure and other measuring tools found in industrial shops.
- Employ basic reading and writing skills to communicate math and measurement values.
- Demonstrate understanding of the concepts of length, area, and volume.
- Calculate stair, vertical picket, and ladder rung spacing accurately.

Credits: 4

### WLD 104: Technical Writing for Welders

Covers processes and fundamentals of writing field-specific technical documents, including structure, organization and development, audience analysis, diction and style, revision and editing, mechanics and standard usage required for successful workplace writing.

### Course Student Learning Outcomes

Upon successful completion of WLD 104, the student will be able to:

- Write technical documents using such strategies as narration, definition, comparison/contrast, classification, description, examples, process analysis, cause and effect, and persuasion.
- Identify and target an audience, purpose, and situation.
- Write in a variety of formats including purchase orders, accident reports, summaries, and bids.
- Revise and edit their material to reflect college-level grammar, syntax, spelling, and punctuation.
- Review and analyze technical reports.

Credits: 4

### WLD 111: Shielded Metal Arc Welding (E7024) and Oxy-acetylene Cutting

Covers uses, safety, nomenclature, equipment operation, set-up and shutdown procedures for SMAW and OAC. Prerequisites: Department permission required. Audit available.

#### Addendum to Course Description

This is a outcome based course utilizing a lecture/lab format. This course includes classroom discussions, videos, and lab demonstrations technical skills. Course outcomes will include: theoretical concepts, layout, fabrication, welding, oxy-fuel cutting, and safety.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Function safely in the PCC Welding Lab
- Operate oxy-fuel portable and track cutting systems in accordance with industry standards
- Understand and apply fundamentals of SMAW E7024 operations
- Interpret blueprints to accurately lay out, prepare, and assemble weld joints
- Weld common joint assemblies with E7024 electrode to AWS D1.1 Structural Steel Welding Code
- Apply visual examination principles and practices in accordance with AWS D1.1

Credits: 4

### WLD 112: Shielded Metal Arc Welding: Mild Steel I (E7018)

Develops knowledge and skills in the use of E7018 mild steel electrodes when performing various welds in the flat, horizontal and vertical positions. Prerequisites: Department permission required.

#### Addendum to Course Description

This is a outcome based course utilizing a lecture/lab format. This course includes classroom discussions, videotapes, and lab demonstrations of technical skills. Course outcomes will include: theoretical concepts, lay out, fabrication, welding, oxy-fuel cutting and safety.

### Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Function safely in the OCCC Welding lab.
- Operate oxy-fuel portable and track cutting systems in accordance with industry standards.
- Understand and apply fundamentals of SMAW E7018 operations.
- Interpret blueprints to accurately lay out, prepare, and assemble weld joints.
- Weld common joint assemblies with the E7018 electrode to AWS D1.1 Structural Steel Welding Code.
- Apply visual examination principles and practices in accordance with AWS D1.1.

Credits: 4

### WLD 113: Shielded Metal Arc Welding: Mild Steel II (E7018)

Develops knowledge and skills in the use of E7018 mild steel electrodes when performing various welds in the vertical and overhead positions. Prerequisites: Department permission required. Audit available.

#### Addendum to Course Description

This is an outcome based course utilizing a lecture/lab format. This course includes classroom discussions, videotapes, and lab demonstrations of technical skills. Course outcomes will include: theoretical concepts, layout, fabrication, welding, oxy-fuel cutting and safety.

### Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Function safely in the OCCC Welding Lab.
- Operate oxy-fuel portable and track cutting systems in accordance with industry standards.
- Understand and apply fundamentals of SMAW E7018 operations.
- Interpret blueprints to accurately lay out, prepare, and assemble weld joints.
- Weld common joint assemblies with the E7018 electrode to AWS D1.1 Structural Steel Welding Code.
- Operate an CAC-A (Carbon Arc Cutting - Air) system in accordance with industry standards.
- Apply visual examination principles and practices in accordance with AWS D1.1.

Credits: 4

### WLD 114: Shielded Metal Arc Welding: Mild Steel III (E6011)

Develops knowledge and skills in the use of E6011 mild steel electrodes when performing various welds in the flat, horizontal and vertical positions. Prerequisites: Department approval required. Audit available.

#### Addendum to Course Description

This is a outcome based course utilizing a lecture/lab format. This course includes classroom discussions, computer based instruction, and lab demonstrations covering technical skills. Course outcomes will include: theoretical concepts, lay out, fabrication, welding, oxy-fuel cutting and safety.

### Course Student Learning Outcomes

Upon completion of the course students will be able to:

- Function safely in the OCCC Welding Lab.
- Operate oxy-fuel portable and track cutting systems in accordance with industry standards.
- Understand and apply fundamentals of SMAW E6011 operations.
- Interpret blueprints to accurately lay out, prepare, and assemble weld joints.
- Weld common joint assemblies with the E6011 electrode to AWS D1.1 Structural Steel Welding Code.
- Apply visual examination principles and practices in accordance with AWS D1.1.

Credits: 4

### **WLD 115: Shielded Metal Arc Welding: Mild Steel IV (E6011)**

Develops knowledge and skills in the use of E6011 mild steel electrodes when performing welds in the vertical and overhead positions. Prerequisites: Department permission required. Audit available.

#### **Addendum to Course Description**

This is a outcome based course utilizing a lecture/lab format. This course includes classroom discussions, computer based training, and lab demonstrations covering technical skills. Course outcomes will include: theoretical concepts, lay out, fabrication, welding, oxy-fuel cutting and safety.

### **Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Function safely in the OCCC Welding Lab.
- Operate oxy-fuel portable and track cutting systems in accordance with industry standards.
- Understand and apply fundamentals of SMAW E6011 operations.
- Interpret blueprints to accurately lay out, prepare, and assemble weld joints.
- Weld common joint assemblies with the E6011 electrode to AWS D1.1 Structural Steel Welding Code.
- Operate a CAC-A (Carbon Arc Cutting - Air) system in accordance with industry standards.
- Apply visual examination principles and practices in accordance with AWS D1.1.

**Credits: 4**

### **WLD 116A: Beginning Shielded Metal Arc Welding**

Introduces intermediate shielded metal arc welding process on mild steel plate in accordance with AWS D1.1 Structural Steel welding codes and to industry standards. Introduces welding in the 1F and 2F positions. First class in a four course sequence. Audit available.

#### **Addendum to Course Description**

This is a outcome based course utilizing a lecture/lab format. This course includes classroom discussions, videotapes, lab demonstrations and technical skills. Course outcomes will include theoretical concepts, layout, fabrication, welding, oxyacetylene cutting, safety and environmental awareness, communication, computations and human relations.

### **Course Student Learning Outcomes**

The instructor and the student will design beginning course outcomes / activities based on the students individual goals.

**Credits: 3**

### **WLD 116B: Basic Welding Practice**

Introduces intermediate shielded metal arc welding practice on mild steel plate in accordance to AWS D1.1 Structural Steel welding codes and to industry standards. Introduces welding in the 3F and 4F positions. Second class in a four course sequence. Audit available.

#### **Addendum to Course Description**

This is a outcome based course utilizing a lecture/lab format. This course includes classroom discussions, videotapes, lab demonstrations and technical skills. Course outcomes will include theoretical concepts, layout, fabrication, welding, oxyfuel cutting, safety and environmental awareness, communication, computations and human relations.

### **Course Student Learning Outcomes**

The instructor and the student will design basic course outcomes / activities based on the students individual goals.

**Credits: 3**

### **WLD 126B: Basic Gas Tungsten Arc Welding**

Introduces gas tungsten arc welding and industry standards. Weld common joint configurations in the 3F and 4F positions. Develops foundational skills required for advancement in future course work. Second class in a four-course sequence.

#### **Addendum to Course Description**

This is an outcome-based course utilizing a lecture/lab format. This course includes classroom discussions, videotapes, lab demonstrations and technical skills. Course outcomes will include theoretical concepts, layout, fabrication, welding, safety and environmental awareness, communication, computations, and human relations.

### **Course Student Learning Outcomes**

The instructor and the student will design basic course outcomes / activities based on the individual needs of the student.

**Credits:** 3

### **WLD 131: Gas Metal Arc Welding**

Develops knowledge and skills welding with GMAW on ferrous materials using short circuit and axial spray transfers in common welding positions. Prerequisites: Department permission required.

#### **Addendum to Course Description**

This is an outcome based course utilizing a lecture/lab format. This course includes classroom discussions, videos, and lab demonstrations of technical skills. Course outcomes will include: theoretical concepts, lay out, fabrication, welding, oxy-fuel cutting and safety.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Function safely in the OCCC Welding Lab.
- Interpret blueprints to accurately lay out, prepare, and assemble weld joints.
- Understand and apply fundamentals of GMAW operations.
- Weld common joint assemblies with the GMAW to AWS D1.1 Structural Steel Welding Code visual acceptance criteria.
- Apply visual and destructive examination principles and practices in accordance with AWS D1.1.

**Credits:** 4

**Prerequisites:**

Department permission required.

**WLD 136A: Beginning Wire Welding**

Introduces common weld joint in the 1F and 2F positions. Develops foundational skills required for advancement in future coursework. First class in a four course sequence. Audit available.

**Addendum to Course Description**

At the beginning of the course, the course syllabus will identify the methods used to evaluate student progress and the criteria for assigning a course grade. The student will be evaluated on his/her ability to demonstrate the development of course outcomes. The methods of evaluation may include one or more of the following: oral or written examinations, quizzes, written assignments, welding tests, safe work habits, task performance, and work relations.

**Course Student Learning Outcomes**

- Function safely in a welding shop environment.
- Operate oxyacetylene portable and track cutting systems in accordance with industry standards.
- Weld common joint configurations in the 1F and 2F positions.
- Use knowledge of heat control and bead placement to make code quality welds.

**Credits:** 3

**WLD 136B: Basic Wire Welding**

Develops basic welding skills and industry standards as they apply to the wire welding process. Introduces common weld joints in the 2F and 3F positions. Develops foundational skills required for advancement in future coursework. Second class in a four course sequence. Audit available.

**Addendum to Course Description**

At the beginning of the course, the course syllabus will identify the methods used to evaluate student progress and the criteria for assigning a course grade. The student will be evaluated on his/her ability to demonstrate the development of course outcomes. The methods of evaluation may include one or more of the following: oral or written examinations, quizzes, written assignments, welding tests, safe work habits, task performance, and work relations.

**Course Student Learning Outcomes**

- Function safely in a welding shop environment.
- Operate oxyacetylene portable and track cutting systems in accordance with industry standards.
- Interpret blueprints and shop drawings to produce proper weld sizes and profiles.
- Weld common joint configurations in the 2F and 3F positions.

**Credits:** 3

**WLD 141: Flux-Cored Arc Welding I (Gas Shielded)**

Develops knowledge and skills in the gas shielded flux-cored arc welding process in the flat, vertical, horizontal and overhead positions.

**Addendum to Course Description**

This is an outcome based course utilizing a lecture/lab format. This course includes classroom discussions, videos, and lab demonstrations of technical skills. Course outcomes will include: theoretical concepts, lay out, fabrication, welding, oxy-fuel cutting and safety.

**Course Student Learning Outcomes**

Upon completion of the course students will be able to:

- Function safely in the OCCC Welding Lab.
- Operate oxy-fuel portable and track cutting systems in accordance with industry standards.
- Understand and apply code requirements for FCAW E71T-1.
- Interpret blueprints to accurately lay out, prepare, and assemble weld joints.
- Weld single V-groove welds with E71T-1 to AWS D1.1 Structural Steel Welding Code.
- Operate an CAC-A (Carbon Arc Cutting - Air) system in accordance with industry standards.
- Apply visual and destructive examination principles and practices in accordance with AWS D1.1.

**Credits:** 4

**Prerequisites:**

Department permission required.

**WLD 146A: Beginning Pipe Welding Practice**

Introduces joining pipe per ASME Section IX and industry standards. First class in a four course sequence. Audit available.

**Addendum to Course Description**

This is a outcome based course utilizing a lecture/lab format. This course includes classroom discussions, videotapes, lab demonstrations and technical skills. Course outcomes will include theoretical concepts, layout, fabrication, welding, Oxyacetylene cutting, safety and environmental awareness, communication, computations and human relations.

**Course Student Learning Outcomes**

- Function safely in a welding shop environment.
- Operate oxyacetylene portable and track cutting systems in accordance with industry standards.
- Weld single v groove joints in the vertical and overhead positions to code quality standards.

**Credits:** 3

### **WLD 146B: Basic Pipe Welding Practice**

Introduces joining pipe in the 2G position per ASME Section IX Welding Code. Second class in a four course sequence. Audit available.

#### **Intended Outcomes for the course**

- Function safely in a welding shop environment.
- Operate oxyacetylene portable and track cutting systems in accordance with industry standards.
- Use knowledge of puddle control and bead placement to produce welds in the open root joint configuration in the horizontal pipe position.
- Use an understanding of welding codes and industry standards in the workplace.
- Interpret blueprints and shop drawings to produce proper weld sizes and profiles

### **Course Student Learning Outcomes**

- Function safely in a welding shop environment.
- Operate oxyacetylene portable and track cutting systems in accordance with industry standards.
- Use knowledge of puddle control and bead placement to produce welds in the open root joint configuration in the horizontal pipe position.
- Use an understanding of welding codes and industry standards in the workplace.
- Interpret blueprints and shop drawings to produce proper weld sizes and profiles

**Credits:** 3

### **WLD 151: SMAW Certification Practice: Unlimited Thickness Mild Steel**

Covers safety, welding technique, and qualification procedures in compliance with AWS D1.1 Structural Welding Test with the E7018 electrode.

#### **Addendum to Course Description**

This is a outcome based course utilizing a lecture/lab format. This course includes classroom discussions, videotapes, and lab demonstrations covering technical skills. Course outcomes will include; theoretical concepts, lay out, fabrication, welding, oxy-fuel cutting and safety.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Function safely in the OCCC Welding Lab.
- Operate oxy-fuel portable and track cutting systems in accordance with industry standards.
- Understand and apply code requirements for SMAW E7018.
- Interpret blueprints to accurately lay out, prepare, and assemble weld joints.
- Weld single V-groove welds with E7018 to AWS D1.1 Structural Steel Welding Code.
- Operate a Carbon Arc Cutting - Air (CAC-A) system in accordance with industry standards.
- Apply visual and destructive examination principles and practices in accordance with AWS D1.1.

**Credits:** 4

**Prerequisites:**

Department permission required.



### **WLD 152: Flux Cored Arc Welding (Gas Shielded) Certification Practice**

Covers safety, welding technique, and qualification procedures in compliance with AWS D1.1 structural test.

#### **Addendum to Course Description**

This is an outcome based course utilizing a lecture/lab format. This course includes classroom discussions, videotapes, and lab demonstrations of technical skills. Course outcomes will include: theoretical concepts, lay out, fabrication, welding, oxy-fuel cutting and safety.

### **Course Student Learning Outcomes**

Upon completion of the course students should be able to:

- Function safely in the OCCC Welding Lab.
- Operate oxy-fuel portable and track cutting systems in accordance with industry standards.
- Understand and apply code requirements for FCAW E71T-1.
- Interpret blueprints to accurately lay out, prepare, and assemble weld joints.
- Weld single V-groove welds with E71T-1 to AWS D1.1 Structural Steel Welding Code.
- Operate an CAC-A (Carbon Arc Cutting - Air) system in accordance with industry standards.
- Apply visual and destructive examination principles and practices in accordance with AWS D1.1.

**Credits:** 4

**Prerequisites:**

Department permission required.

### **WLD 190A: Beginning Welding Practice**

Introduces welding and industry standards. Develops foundational skills required for advancement in future coursework. First class in a three course sequence. Audit available.

#### **Addendum to Course Description**

This is a outcome based course utilizing a lecture/lab format. This course includes classroom discussions, videotapes, lab demonstrations and technical skills. Course outcomes will include theoretical concepts, layout, fabrication, welding, oxyacetylene cutting, safety and environmental awareness, communication, computations and human relations.

### **Course Student Learning Outcomes**

- Function safely in a welding shop environment.
- Operate oxyacetylene portable and track cutting systems in accordance with industry standards.
- Weld common joint configurations.

**Credits:** 1

### **WLD 190B: Basic Welding Practice**

Develops basic knowledge and practice with a welding process and perform welding in accordance with industry standards. Develops foundational skills required for advancement in future coursework. Second class in a three-course sequence.

#### **Addendum to Course Description**

This is an outcome-based course utilizing a lecture/lab format. This course includes classroom discussions, videotapes, lab demonstrations and technical skills. Course outcomes will include theoretical concepts, layout, fabrication, welding, Oxyacetylene cutting, safety and environmental awareness, communication, computations, and human relations.

#### **Course Student Learning Outcomes**

- Function safely in a welding shop environment.
- Operate oxyacetylene portable and track cutting systems in accordance with industry standards.
- Apply knowledge of puddle control and bead placement to produce fillet welds in all positions.
- Interpret blueprints and shop drawings to produce proper weld sizes and profiles
- Use an understanding of welding codes and industry standards in order to weld common joint configurations.

**Credits: 2**

### **WLD 190C: Intermediate Welding Practice**

Introduction to the fillet weld in the 3F and 4F position to build the skills required to successfully certify in accordance with AWS D1.1 Welding Code. This class is a three-course sequence.

#### **Addendum to Course Description**

This is an outcome-based course utilizing a lecture/lab format. This course includes classroom discussions, videotapes, lab demonstrations and technical skills. Course outcomes will include theoretical concepts, layout, fabrication, welding, Oxyacetylene cutting, safety and environmental awareness, communication, computations, and human relations.

#### **Course Student Learning Outcomes**

- Function safely in a welding shop environment.
- Operate oxyacetylene portable and track cutting systems in accordance with industry standards.
- Produce code quality welds utilizing the fillet weld requirements set forth in AWS D1.1
- Apply the use of visual inspection tools and techniques as set forth in AWS D1.1 Welding Code and industry standards

**Credits: 3**

**WLD 216A: Intermediate Welding Practice**

Introduces intermediate shielded metal arc welding process in accordance with AWS D1.1 Structural Steel Welding Codes, and to industry standards. Weld mild steel in the 3F and 4F positions. Third class in a four course sequence. Audit available.

**Addendum to Course Description**

This is a outcome based course utilizing a lecture/lab format. This course includes classroom discussions, videotapes, lab demonstrations and technical skills. Course outcomes will include theoretical concepts, layout, fabrication, welding, oxyfuel cutting, safety and environmental awareness, communication, computations and human relations.

**Course Student Learning Outcomes**

The instructor and the student will design intermediate course outcomes / activities based on the students individual goals.

**Credits:** 3

**WLD 216B: Advanced Metal Arc Welding**

Introduces intermediate shielded metal arc welding, in accordance with AWS D1.1 Structural Steel Welding Codes, and to industry standards. Weld mild steel in the 3G and 4G positions. Fourth class in a four course sequence. Audit available.

**Addendum to Course Description**

This is a outcome based course utilizing a lecture/lab format. This course includes classroom discussions, videotapes, lab demonstrations and technical skills. Course outcomes will include theoretical concepts, layout, fabrication, welding, oxyacetylene cutting, safety and environmental awareness, communication, computations and human relations.

**Course Student Learning Outcomes**

The instructor and the student will design advanced course outcomes / activities based on the students individual goals.

**Credits:** 3

**WLD 236A: Intermediate Wire Welding**

Introduces welding in the 3F and 3G positions and weld quality as it applies to industry standards in the wire welding process. Develops foundational skills required for advancement in future coursework. Third class in a four course sequence. Audit available.

**Addendum to Course Description**

At the beginning of the course, the course syllabus will identify the methods used to evaluate student progress and the criteria for assigning a course grade. The student will be evaluated on his/her ability to demonstrate the development of course outcomes. The methods of evaluation may include one or more of the following: oral or written examinations, quizzes, written assignments, welding tests, safe work habits, task performance, and work relations.

**Course Student Learning Outcomes**

- Function safely in a welding shop environment.
- Operate oxyacetylene portable and track cutting systems in accordance with industry standards.
- Weld common weld joints in the 3F and the 3G positions.
- Use heat and puddle control to make "out of position welds".
- Interpret blueprints and shop drawings to produce proper weld sizes and profiles.

**Credits:** 3

**WLD 246A: Intermediate Pipe Welding Practice**

Introduces joining pipe in the 6G position per ASME Section IX Welding Code. Third class in a four course sequence. Audit available.

**Addendum to Course Description**

This is a outcome based course utilizing a lecture/lab format. This course includes classroom discussions, videotapes, lab demonstrations and technical skills. Course outcomes will include theoretical concepts, layout, fabrication, welding, Oxyacetylene cutting, safety and environmental awareness, communication, computations and human relations.

**Course Student Learning Outcomes**

- Function safely in a welding shop environment.
- Operate oxyacetylene portable and track cutting systems in accordance with industry standards.
- Produce quality welds in the 6G position that meet the requirements in ASME Section IX Welding Code.
- Apply the use of visual inspection tools as set forth in ASME Section IX Welding Code and industry standards.

**Credits:** 3

**WLD 246B: Advanced Pipe Welding Practice**

Introduces joining pipe in the 5G position per ASME Section IX Welding Code. Fourth class in a four course sequence. Audit available.

**Addendum to Course Description**

This is a outcome based course utilizing a lecture/lab format. This course includes classroom discussions, videotapes, lab demonstrations and technical skills. Course outcomes will include theoretical concepts, layout, fabrication, welding, Oxyacetylene cutting, safety and environmental awareness, communication, computations and human relations.

**Course Student Learning Outcomes**

- Function safely in a welding shop environment.
- Operate oxyacetylene portable and track cutting systems in accordance with industry standards.
- Produce quality welds in the 5G position that meet the requirements in ASME Section IX Welding Code.
- Apply the use of visual inspection tools as set forth in ASME Section IX, Welding Code and industry standards.

**Credits:** 3

### WLD 280A: Cooperative Education: Welding

On-the-job experiences which allow for the application and development of knowledge and skills acquired in the on-campus program. Work experiences are offered for variable credit up to a maximum of four credits. Department permission required. Audit available.

#### Addendum to Course Description

Students may sign up for Cooperative Work Experience for the following job situations:

- A welding job currently held
- Placement on a new job site within the industry
- An industry related internship

When possible, the OCCC Welding instructional staff and/or the Cooperative Education Specialist will assist in locating a suitable cooperative education work site. The student will develop a custom set of learning outcomes with the instructor of record and the job supervisor. The purpose of the cooperative work experience will be the development of a knowledge base of everyday "on the job" requirements.

#### Course Student Learning Outcomes

- Utilize skills and concepts learned in the classroom.
- Function safely in a welding shop environment.
- Demonstrate professional work ethics (habits).
- Apply welding procedures in a variety of shop situations.
- Enhance oral communication and job interview skills.
- Improve interactions with supervisors and management.
- Complete assigned duties individually or as a team.
- Meet job timelines and schedules.

Credits: 1-4

### WLD 280B: Cooperative Education: Welding - Seminar

Share experiences with other students and the on-campus instructor in order to develop strategies for successful cooperative work experiences and future employment. Department permission required. Audit available.

#### Addendum to Course Description

This course is designed to complement the WLD 280A work experience by providing weekly feedback of student's learning.

#### Course Student Learning Outcomes

- Complete written weekly feedback of work experience.
- Function safely in the PCC Welding shop and the job site.
- Demonstrate professional work ethics (habits).

Credits: 1

### WLD 290: Submerged Arc Welding

Develops knowledge and skills with the submerged arc welding process. Department permission required. Audit available.

#### Addendum to Course Description

This is a outcome based course utilizing a lecture/lab format. This course includes classroom discussions, videotapes, and lab demonstrations covering technical skills. Course outcomes will include: theoretical concepts, layout, fabrication, welding, oxyfuel cutting, safety and environmental awareness, communication, computations and human relations.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Function safely in a welding shop environment.
- Demonstrate professional work ethics.
- Apply math and science concepts to the welding related process.
- Operate oxyfuel portable and track cutting systems in accordance with industry standards.
- Interpret drawing and symbols to accurately layout a project; prepare an assemble to specified tolerances; and weld joints in accordance to AWS D1.1., Structural Steel Code.
- Weld common joint configurations with the SAW process to code quality standards in the flat and horizontal positions.

Credits: 2

## Women's and Gender Studies

### WS 202: Women, Activism and Social Change

Examines how women have worked to empower girls and women and improve the conditions of their lives.

Explores ways that feminist theories have shaped the goals and strategies of social change efforts. Offers an in-depth look at selected topic areas, connects analysis and personal experience, and focuses on how to become an effective change agent.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Recognize influences of changing political, social, economic, religious, sexual, historical, and cultural patterns in the creation and perpetuation of injustice.
- Evaluate effective possibilities for empowering women and working toward positive change in the lives of women.
- Use feminist theoretical perspectives to analyze social change efforts.
- Communicate effectively in writing, collaborating, and speaking to make feminist social change.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

[MTH 20](#)

# Writing

## WR 90: Writing 90

Instruction includes sentence structure, paragraph and essay development, and written expression. Students can expect to increase working vocabulary and improve skills in basic communications.

## Course Student Learning Outcomes

- Communicate in writing using a variety of sentence structures, paragraphs, and short forms that emphasize correct grammar, punctuation, coherence, and clarity.
- Demonstrate critical thinking in written responses to text.
- Recognize and utilize pre-writing steps for composing a good essay.
- Utilize basic word processing in writing.
- Demonstrate successful college student behaviors.
- Perform successfully in Writing 115.

**Credits:** 3

**Prerequisites:**

[RD 90](#)

Placement into RD 90 accepted.

## WR 115: Introduction to Expository Writing

Offers broad preparation for using writing in service of student success. Provides supported opportunities for practice in reading critically, locating information, exploring ideas, and writing to learn. Prerequisites: Placement into WR 115 or completion of (WR 90) and placement into RD 115 or completion of (RD 90). Audit available.

All courses in the composition sequence (WR 115, 121, 122) teach writing as a process, requiring revision over multiple drafts; require 2 instructor conferences; and include principles of citation.

## Course Student Learning Outcomes

Upon completion of the course students should be able to:

- ADAPT: Read and compose texts for different purposes.
- INQUIRE: Locate information that will help them in their thinking.
- CONNECT: Convey and support a perspective.
- REFLECT: Analyze their own learning in writing.

**Credits:** 4

**Prerequisites:**

[WR 90](#)

[RD 90](#)

Or placement into WR 115 and RD 115.

### WR 121: English Composition

Offers broad preparation for both academic writing and professional communication. Includes composing for a variety of rhetorical situations, writing for both oneself, and for external audiences. Provides self-guided learning opportunities alongside more structured opportunities for practice with support as needed. Prerequisites: (WR 115 and RD 115) or equivalent placement. Audit available.

All courses in the composition sequence (WR 115, 121, 122) teach writing as a process, requiring revision over multiple drafts; require 2 instructor conferences; and include principles of citation.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- ADAPT: Experiment with different genres.
- INQUIRE: Locate relevant information sources in a process of inquiry.
- CONNECT: Use rhetorical tools to convey and support a perspective.
- REFLECT: Analyze their own learning in writing.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Or placement into WR 121.

### WR 122: English Composition

Offers focused preparation for academic communication. Provides opportunities for practice in academic writing and conventions with an emphasis on independent research, thinking, and learning necessary for self-guided academic projects. Prerequisites: WR 121 or equivalent. Audit available.

All courses in the composition sequence (WR 115, 121, 122) teach writing as a process, requiring revision over multiple drafts; require 2 instructor conferences; and include principles of citation.

### Course Student Learning Outcomes

Upon completion of the course students should be able to:

- ADAPT: Negotiate academic genres with purpose and control.
- INQUIRE: Locate multiple and various information sources that are appropriate to the given process of inquiry.
- CONNECT: Craft an argument in conversation with others who are thinking about the same subject.
- REFLECT: Analyze their own learning in writing.

Credits: 4

Prerequisites:

[WR 121](#)



### WR 123: English Composition

Uses extensive research writing to develop skills in critical analysis and documented argument. Students synthesize their considered response to designated text(s) and/or issues with the reactions of other writers. Includes paraphrasing, summarizing, quoting, and documenting using style appropriate to discipline researched.

### Course Student Learning Outcomes

Outcomes for this course require working through multiple drafts of several pieces of writing with time to separate the acts of writing and revising; in addition, the reading outcomes require time to read, reread, reflect, respond, interpret, analyze, and evaluate.

Upon completion of WR 123 with a "C" or better, student will be able to:

- Successfully organize and manage an extended, research-based, thesis-centered essay of 3500-4000 words or an equivalent in shorter essays using MLA, APA, or other appropriate documentation styles
- Demonstrate critical thinking and problem-solving in the context of research by showing observational skills, drawing reasonable inferences from a variety of sources, perceiving and establishing relationships among multiple sources, and analyzing the structure and organization of sources and own writing
- Independently locate, examine, select, evaluate, and use various sources, including electronic sources
- Practice and demonstrate skills necessary to research writing, such as paraphrase, summary, and use of direct quotation
- Articulate own problem solving process and self-assessment; demonstrate the ethics of research by identifying and avoiding plagiarism

Credits: 3

Prerequisites:

[WR 122](#)

### WR 227: Technical and Professional Writing 1

Introduces technical and professional communications. Students compose, design, revise, and edit effective letters, memos, reports, descriptions, instructions, and employment documents. Emphasizes precise use of language and graphics to communicate complex technical and procedural information safely, legally and ethically. Two instructor conferences required.

### Course Student Learning Outcomes

Outcomes for this course require working through multiple drafts of several pieces of writing with time to separate the acts of writing and revising; in addition, the reading outcomes require time to read, reread, reflect, respond, interpret, analyze, and evaluate.

Upon completion of WR 227 with a "C" or better, the student will be able to:

- Read, interpret, analyze, and evaluate complex technical and professional documents and visuals.
- Design and produce the most commonly used business/professional communications.
- Design and produce the most commonly used technical communications.
- Design and produce communications specifically tailored to a number of different audiences who have diverse educational, cultural, and linguistic backgrounds, and who have various levels of expertise.
- Design and produce communications that include visuals that are accurate, ethical, and accessible and from which more than one audience can extract the information quickly and easily.
- Work and problem solve effectively with others to achieve a common communication goal, using collaborative techniques, respecting the work of colleagues, and meeting deadlines; listen and speak reflectively.

Credits: 4

Prerequisites:

[WR 121](#)

Basic computer literacy and intermediate word processing skills also required.

### WR 240: Creative Writing - Nonfiction

Introduces creative nonfiction and the writing of essays using creative techniques, such as personal narrative, memoir, nature and travel writing, and literary journalism. Explores the works of established writers for forms, techniques and styles as a context for the production of creative nonfiction for class discussion and analysis.

Students who are candidates for WR 240 should possess writing skills to the degree that mechanical errors and organizational problems are minimal, allowing them to experiment and develop their craft from sentence level to a finished, publishable piece of writing.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Read a wide range of established creative nonfiction writers to learn techniques demonstrated in their work.
- Employ creative writing techniques drawn from fiction, poetry, and scriptwriting, such as characterization, setting, descriptive detail, concreteness, dialogue, flashbacks, juxtaposition, metaphor, voice, tone, formality and informality; alternate narrative summary and scene.
- Use self-reflection and techniques for employing the imagination to generate new essays and then to revise the essays, using techniques for “re-entering” or “re-seeing” a piece of writing.
- Use critical thinking and problem solving to critique others’ poems and communicate suggestions about strengths and weaknesses of drafts to peers.
- Engage subjects by participating directly in the action being written about, such as by doing in-depth in-person interviews or designing an experience, and then pursuing the experience with the foreknowledge that the experience will constitute the basis of an essay.

Credits: 4

Prerequisites:

[WR 121](#)

### WR 241: Creative Writing - Fiction

Focuses on writing short fiction for class discussion and analysis in a workshop setting. Explores the techniques, styles, and structures of the writings of established authors, as well as the creative writing process from development of an idea to revision of a manuscript.

### Course Student Learning Outcomes

Upon successful completion students should be able to:

- Read and analyze established authors in order to become familiar with the elements of fiction (eg. plot, dialogue, character, point of view).
- Write original fiction that effectively uses the elements of the craft, leading to the development and revision of at least one complete short story.
- Read peer fiction closely and analytically in order to contribute to peer workshops in a thoughtful and critical manner.

Credits: 4

Prerequisites:

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### WR 242: Creative Writing - Poetry

Focuses on the writing and submitting of poetry for class discussion and analysis in a workshop setting. Introduces the techniques, structures, and styles of established poets.

## Course Student Learning Outcomes

Upon completion of the course, students should be able to:

- Continue to read a wide range of established poets, particularly American and contemporary poets, to learn techniques demonstrated in their work.
- Employ the various techniques and elements of poetry such as imagery, metaphor, linebreaks, alliteration, assonance, and meter to write poems.
- Use self-reflection and techniques for employing the imagination to generate new poems and then to revise the poems, using techniques for “re-entering” or “re-seeing” a piece of writing.

**Credits:** 4

**Prerequisites:**

[WR 115](#)

[RD 115](#)

Equivalent placement test scores also accepted.

### WR 246: Advanced Creative Writing, Editing & Publishing

Emphasizes development of craft while introducing basics of editing others' manuscripts and preparing them for publication in a variety of forms, including an annual student literary magazine. May be repeated twice for credit.

A brief interview with the instructor may be necessary before enrollment in the course. Students are encouraged to continue study in literature and languages as well as other creative writing courses.

## Course Student Learning Outcomes

Outcomes for this course require working through multiple drafts of several pieces of writing with time to separate the acts of writing and revising; in addition, the reading outcomes require time to read, reread, reflect, respond, interpret, analyze, and evaluate.

- Upon completion of the course, students should be able to:
- Solicit and then read a variety of literary and artistic submissions, and use appropriate critical language to define an aesthetic to guide the
- evaluation process and the decisions to accept or reject manuscripts.
- Work cooperatively and communicate effectively with co-editors and contributors to edit and publish a small literary publication, using critical thinking
- and problem solving to address the multitude of mechanical and strategic problems and possibilities in publishing.
- Respond fairly, intelligently, and professionally to a variety of literary and artistic submissions, showing respect for themselves and others as
- writers.
- Participate in a complete publication cycle, engaging in the mechanics of keyboarding, design, layout, and proofreading; and
- communicate effectively with the professionals who handle other aspects of publication, such as the printing and binding.
- Write their own creative writing with greater knowledge and self-awareness.

**Credits:** 4

**Prerequisites:**

[WR 240](#)

[WR 241](#)

[WR 242](#)

WR 240 or WR 241 or WR 242 accepted.

# Aquarium Science

The Aquarium Science Program offers a comprehensive two-year Associate of Applied Science (AAS) degree and a one-year Certificate that is open only to individuals who already possess a Bachelor's degree in a life science area. Both the Certificate and the AAS provide theory and practical experience designed to prepare students for a career in aquatic animal husbandry.

Enrollment in the Aquarium Science Program is limited. For additional information and to apply for the program online visit the college webpage at <http://www.oregoncoastcc.org/aquarium-science> or contact, the Aquarium Science Program Manager.

Students who successfully earn a degree or certificate will be qualified to work in the aquatic animal husbandry profession. They may be eligible for entry-level positions as aquarists, aquatic biologists, and keepers. Potential employment opportunities include public zoos and aquariums, ornamental fish retailers and wholesalers, aquaculture businesses, fish hatcheries, research programs, marine educational centers, state and federal natural resource agencies, as well as self-employment.

## Admissions Requirements

Enrollment is limited to 20 to 24 students each year. Individuals wanting to enroll in the program must complete an on-line application located at <http://www.oregoncoastcc.org/aquarium-science>. Each applicant will have an interview with the Aquarium Science faculty.

## Program Outcomes

Students completing the AAS or certificate will:

- Accurately communicate, verbally, and in writing, scientific concepts, research findings and ideas to professionals and the general public.
- Maintain, analyze, diagnose, and repair aquatic life support systems and their components.
- Perform basic water quality analysis using standard testing equipment.
- Maintain healthy animal populations by applying industry standards and practices to aquarium set-up, monitoring, and animal care.
- Identify healthy, physically compromised animals, and abnormal animal behaviors.
- Work as a member of a team to conceptualize, plan, construct, and manage environments that promote healthy fishes and invertebrates.

- Apply fundamental knowledge and skills in science, mathematics, and communications for success in a professional or academic setting (AAS degree specific outcome).

## Associate of Applied Science in Aquarium Science

Students may earn an Associate of Applied Science degree in Aquarium Science by successfully completing the required 93 credit hours with a grade of C or better in all courses. Students are required to complete 132 hours of practicum and 400 hours of field internship.

## Aquarium Science

The Aquarium Science Program offers a comprehensive two-year Associate of Applied Science (AAS) degree and a one-year Certificate that is open only to individuals who already possess a Bachelor's degree in a life science area.

Both the Certificate and the AAS provide theory and practical experience designed to prepare students for a career in aquatic animal husbandry. Enrollment in the Aquarium Science Program is limited. For additional information and to apply for the program online visit the college webpage at <http://www.oregoncoast.edu/aquarium-science> or contact [officeofinstruction@oregoncoast.edu](mailto:officeofinstruction@oregoncoast.edu). Students who successfully earn a degree or certificate will be qualified to work in the aquatic animal husbandry profession. They may be eligible for entry-level positions as aquarists, aquatic biologists, and keepers. Potential employment opportunities include public zoos and aquariums, ornamental fish retailers and wholesalers, aquaculture businesses, fish hatcheries, research programs, marine educational centers, state and federal natural resource agencies, as well as self-employment.

## Admissions Requirements

Enrollment is limited to 20 to 24 students each year. Individuals wanting to enroll in the program must complete an on-line application located at <http://www.oregoncoast.edu/aquarium-science>. Each applicant will have an interview with the Aquarium Science faculty.

## Program Outcomes

Students completing the AAS or certificate will:

- Accurately communicate, verbally, and in writing, scientific concepts, research findings and ideas to professionals and the general public.

- Maintain, analyze, diagnose, and repair aquatic life support systems and their components.
- Perform basic water quality analysis using standard testing equipment.
- Maintain healthy animal populations by applying industry standards and practices to aquarium set-up, monitoring, and animal care.
- Identify healthy, physically compromised animals, and abnormal animal behaviors.
- Work as a member of a team to conceptualize, plan, construct, and manage environments that promote healthy fishes and invertebrates.
- Apply fundamental knowledge and skills in science, mathematics, and communications for success in a professional or academic setting (AAS degree specific outcome).

## Approved General Education Electives

OCCC utilizes PCC's approved general education electives for the AAS. This list is located [here](#). OCCC offers term-by-term a subset of these electives. Please consult with an academic advisor for more information.

## Aquarium Science AAS Program Costs

Information about program costs can be found on the website. Contact Student Services at 541-867-8503 to find out about financial aid eligibility.

Type: AAS Degree

### Term 1

Item #	Title	Credits
AQS 100	Introduction to Aquarium Science	3
BI 101	Biology	4
WR 121	English Composition	4
MTH 95	Intermediate Algebra	4

### Term 2

Item #	Title	Credits
AQS 110	Aquarium Science Practicum 1	2
BI 102	Biology	4
PSY 101	Psychology and Human Relations	4
WR 227	Technical and Professional Writing 1	4
AQS 173	Water Chemistry in Aquatic Systems	4

### Term 3

Item #	Title	Credits
AQS 111	Aquarium Science Practicum 2	2
AQS 165	Current Issues in Aquarium Science	1
AQS 216	Elasmobranch Husbandry	2
AQS 220	Biology of Captive Invertebrates	4
AQS 252	Exhibits and Interpretation	3
BI 103	Biology	4

### Term 4

Item #	Title	Credits
AQS 215	Biology of Captive Fishes	4
AQS 240	Life Support System Design and Operation	4
AQS 245	Animal Husbandry in a Research Capacity	2
	4 Credits Arts and Letters Elective	4
	General Elective (1 Credit)	1

### Term 5

Item #	Title	Credits
AQS 226	Biology of Diverse Captive Species	2
AQS 232	Reproduction and Nutrition of Aquatic Animals	4
AQS 270	Fish and Invertebrate Health Management	4
	Human/Soc. Science Elective	4

### Term 6

Item #	Title	Credits
AQS 295	Aquarium Science Internship	12
Total credits:		90

## Aquarium Science One Year Certificate

Students may earn a Certificate of Completion in Aquarium Science by successfully completing the required 53 credit hours with a grade of C or better in all courses. This option is only open to individuals who possess a Bachelor's or Master's degree in a life science related discipline such as Biology, Zoology, Marine Biology, Ecology, or similar area. Students are required to complete 132 hours of practicum and 400 hours of field internship. Courses with a § symbol may not be substituted.

## Aquarium Science

The Aquarium Science Program offers a comprehensive two-year Associate of Applied Science (AAS) degree and a one-year Certificate that is open only to individuals who already possess a Bachelor's degree in a life science area.

Both the Certificate and the AAS provide theory and practical experience designed to prepare students for a career in aquatic animal husbandry. Enrollment in the Aquarium Science Program is limited. For additional information and to apply for the program online visit the college webpage at <http://www.oregoncoast.edu/aquarium-science> or contact [officeofinstruction@oregoncoast.edu](mailto:officeofinstruction@oregoncoast.edu). Students who successfully earn a degree or certificate will be qualified to work in the aquatic animal husbandry profession. They may be eligible for entry-level positions as aquarists, aquatic biologists, and keepers. Potential employment opportunities include public zoos and aquariums, ornamental fish retailers and wholesalers, aquaculture businesses, fish hatcheries, research programs, marine educational centers, state and federal natural resource agencies, as well as self-employment.

## Admissions Requirements

Enrollment is limited to 20 to 24 students each year. Individuals wanting to enroll in the program must complete an on-line application located at <http://www.oregoncoast.edu/aquarium-science>. Each applicant will have an interview with the Aquarium Science faculty.

## Certificate Outcomes

- Students completing the AAS or certificate will:
- Accurately communicate, verbally, and in writing, scientific concepts, research findings and ideas to professionals and the general public.
- Maintain, analyze, diagnose, and repair aquatic life support systems and their components.
- Perform basic water quality analysis using standard testing equipment.
- Maintain healthy animal populations by applying industry standards and practices to aquarium set-up, monitoring, and animal care.
- Identify healthy, physically compromised animals, and abnormal animal behaviors.
- Work as a member of a team to conceptualize, plan, construct, and manage environments that promote healthy fishes and invertebrates.

- Apply fundamental knowledge and skills in science, mathematics, and communications for success in a professional or academic setting (AAS degree specific outcome).

## Aquarium Science One-Year Certificate Program Costs

Information regarding program costs can be found on the website. Contact Student Services at 541-867-8503 to find out about financial aid eligibility.

Type: Certificate

### Term 1

Item #	Title	Credits
AQS 100	Introduction to Aquarium Science	3
AQS 215	Biology of Captive Fishes	4
AQS 240	Life Support System Design and Operation	4
AQS 245	Animal Husbandry in a Research Capacity	2

### Term 2

Item #	Title	Credits
AQS 110	Aquarium Science Practicum 1	2
AQS 226	Biology of Diverse Captive Species	2
AQS 232	Reproduction and Nutrition of Aquatic Animals	4
AQS 173	Water Chemistry in Aquatic Systems	4
AQS 270	Fish and Invertebrate Health Management	4

### Term 3

Item #	Title	Credits
AQS 111	Aquarium Science Practicum 2	2
AQS 165	Current Issues in Aquarium Science	1
AQS 216	Elasmobranch Husbandry	2
AQS 220	Biology of Captive Invertebrates	4
AQS 252	Exhibits and Interpretation	3

### Term 4

Item #	Title	Credits
AQS 295	Aquarium Science Internship	12
Total credits:		53



# Associate of Arts Oregon Transfer

## Associate of Arts Oregon Transfer (AAOT) Overview

The Associate of Arts Oregon Transfer degree is an opportunity for students to complete lower division degree requirements at OCCC.

Any student having the Associate of Arts Oregon Transfer (AAOT) degree recognized on an official college transcript will have met the lower division general education requirements of baccalaureate degree programs of any institution in the Oregon University System.

Students transferring under this agreement will have junior status for registration purposes. Course, class standing or GPA, and requirements for specific majors, departments or schools are not necessarily satisfied by an AAOT degree.

All courses should be aligned with the student's intended program of study and the degree requirements of the baccalaureate institution to which the student plans to transfer. A student is encouraged to work with an advisor in the selection of courses.

## Academic Requirements

The Associate of Arts Oregon Transfer degree is awarded to students who meet the following:

### 1. [Associate Degree Comprehensive Requirements](#)

#### 2. Associate of Arts Oregon Transfer Degree Requirements:

All courses must be passed with a grade of "C" or "P" or better. Students must have a minimum cumulative GPA of 2.0 at the time the AAOT is awarded.

a. Foundational Requirements: Courses must be a minimum of three credits (except for Health/Wellness/Fitness courses, which may be any number of credits)

Writing\*: WR 121 and either WR 122 or WR 227. A student must have at least eight credits of Writing; WR 123 may be used to complete the eight credits.

Oral Communication: COMM 111 or COMM 112 or COMM 214 or SP 113.

Math\*: Complete a minimum of four credits in MTH 105 or any other MTH course for which MTH 95 and/or MTH 98 is a prerequisite.

Health/Wellness/Fitness: One or more courses totaling at least three credits from HE 242 or HE 250 or HE 254 or HE 295 & PE 295, or PE (not including PE 10, PE 199 or PE 299).

#### b. Discipline Studies:

Students must complete at least 11 Discipline Studies courses from the [General Education/Discipline Studies List](#). All courses in Discipline Studies must be a minimum of three credits. A course may count toward Foundational Requirements or Discipline Studies but not both.

Arts and Letters: Complete at least three courses chosen from at least two disciplines in this area

Social Sciences: Complete at least four courses chosen from at least two disciplines in this area

Science/Math/Computer Science: Complete at least four courses from at least two disciplines in this area, including at least three laboratory courses in biological and/or physical science

Cultural Literacy: Students must select one course from any of the discipline studies that is designated as meeting the statewide criteria for cultural literacy (as indicated on the General Education/Discipline Studies List). This course can be one of the 11 required Discipline Studies courses.

#### c. Elective Credit Requirements:

All candidates must complete elective credits to meet the overall requirement of 90 credits for this degree. Elective courses may be any number of credits. Elective credits may include any lower division collegiate course. A maximum of 12 credits of Career and Technical Education courses may be applied to this degree. One-credit Management/Supervisory Development (MSD) workshops may not be applied to this degree. A maximum of three credits of Physical Education (PE) may be applied to this degree.

\*Basic Competency Requirements for writing and math will be met by successfully completing these courses. The Information Literacy requirement is satisfied by successful completion of the Writing courses.

## AAOT Degree Outcomes

Students who complete this degree should be able to:

- Communicate effectively by determining the purpose, audience, and context of communication, and respond to feedback to improve clarity, coherence, and effectiveness in workplace, community, and academic pursuits.
- Apply scientific, cultural, and political perspectives to natural and social systems and use an understanding of social change and social action to address the consequences of local and global human activity.
- Identify and investigate problems, evaluate information and its sources, and use appropriate methods of reasoning to develop creative and practical solutions to personal, professional, and community issues.
- Use an understanding of the variations in human culture, perspectives, and forms of expression to constructively address issues that arise out of cultural differences in the workplace and community.
- Demonstrate and apply the knowledge, skills, and attitudes necessary to enter and succeed in a defined profession or advanced academic program.
- Assess, examine, and reflect on one's own academic skill, professional competence and personal beliefs and how these impact others.
- Transfer into upper division courses for a baccalaureate degree at any institution in the Oregon University System, having met all lower division general education requirements and being granted junior standing for university registration purposes.

Type: Associate Degree

Total credits:

90

## Associate of Arts Oregon Transfer in Elementary Education

### Associate of Arts Oregon Transfer in Elementary Education (AAOT-ELEMED) Overview

The Associate of Arts Oregon Transfer-Elementary Education (AAOT-ELEMED) degree is designed for students planning to transfer credits to an Oregon public university and seek entry into that institution's education

program. Students completing the AAOT-ELEMED will have met the lower-division General Education requirements of an Oregon public university's baccalaureate degree program. Students transferring will have junior status for registration purposes.

Admission to the education program of an Oregon public university is not guaranteed upon completion of the AAOT-ELEMED degree. Some institutions have specific requirements for admission to their Business program. Examples include: a higher minimum GPA requirement, a requirement that specific courses within the AAOT-ELEMED be taken for a letter grade (meaning that courses taken P/NP will not be accepted), or additional coursework. It is strongly recommended that students contact the specific Oregon public university's Business program early in the first term of their AAOT-ELEMED course work to be advised of admission requirements.

## Academic Requirements

The AAOT-ELEMED is awarded to students who meet the following:

### 1. [Associate Degree Comprehensive Requirements](#)

## General Guidelines

- A student must complete a total of 90 quarter credits to be awarded the AAOT.
- All courses should be aligned with the student's intended program of study and the degree requirements of the baccalaureate institution to which the student plans to transfer. A student is encouraged to work with an advisor in the selection of courses.
- All Foundational Requirements and Discipline Studies courses must be a minimum of 3 credits, except for Health/Wellness/Fitness courses, which may be any number of credits. All Elective courses may be any number of credits.
- All courses must be passed with a grade of "C-" or better. Students must have a minimum cumulative GPA of 2.0 at the time the AAOT is awarded.

## Foundational Requirements

- **Writing:** Students taking writing classes of three credits each must take WR 121, 122, and either WR 123 or 227. Students taking writing classes of 4 credits each must take WR 121 and either WR 122 or 227. A student must have eight credits of Writing.
  - Information Literacy will be included in the Writing Requirement.



- **Oral Communication:** One course in the fundamentals of speech or communication designated by the college as meeting the statewide criteria for speech communication.
- **Mathematics:** One course in college-level mathematics designated by the college as meeting the statewide criteria for mathematics.
- **Health/Wellness/Fitness:** One or more courses totaling at least three credits.

## Discipline Studies

- **Cultural Literacy:** Students must select one course from any of the discipline studies that is designated as meeting the statewide criteria for cultural literacy.
- **Arts and Letters:** Three courses chosen from two or more disciplines.
- **Social Sciences:** Four courses chosen from two or more disciplines.
- **Science/Math/Computer Science:** Four courses from at least two disciplines including at least three laboratory courses in biological and/or physical science.

## Electives

Any college-level course that would bring total credits to 90 quarter hours including up to 12 credits of Career and Technical Education courses, designated by the college as acceptable.

## University Specific Prerequisites, Recommendations

Each Oregon public university has different requirements for its Elementary Education program; in some cases, meeting the minimum requirements of the AAOT-ELEMED degree will not fulfill the eligibility requirements for admission to the school's Elementary Education program. Examples of eligibility requirements include: a higher minimum GPA for admission than is required for the AAOT-ELEMED, a requirement that specific courses within the AAOT-ELEMED degree be taken for a letter grade (courses taken P/NP will not be accepted), or additional coursework beyond that included in the AAOT-ELEMED. Students are advised to contact their Oregon public university destination's Elementary Education program early in the first term of their AAOT-ELEMED course work to be advised of admission and additional course requirements beyond those stipulated above.

## AAOT-ELEMED Outcomes

Students who complete this degree should be able to:

- **ARTS & LETTERS:** Interpret and engage in the Arts & Letters, making use of the creative process to enrich the quality of life; and critically analyze values and ethics within a range of human experience and expression to engage more fully in local and global issues.
- **MATHEMATICS:** Use appropriate mathematics to solve problems; and Recognize which mathematical concepts are applicable to a scenario, apply appropriate mathematics and technology in its analysis, and then accurately interpret, validate, and communicate the results.
- **SCIENCE/COMP SCIENCE:** Gather, comprehend, and communicate scientific and technical information in order to explore ideas, models, and solutions and generate further questions; Apply scientific and technical modes of inquiry, individually, and collaboratively, to critically evaluate existing or alternative explanations, solve problems, and make evidence-based decisions in an ethical manner; and Assess the strengths and weaknesses of scientific studies and critically examine the influence of scientific and technical knowledge on human society and the environment.
- **SOCIAL SCIENCE:** Apply analytical skills to social phenomena in order to understand human behavior; and Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live.
- **SPEECH/ORAL:** Engage in ethical communication processes that accomplish goals; Respond to the needs of diverse audiences and contexts; and Build and manage relationships.
- **WRITING:** Read actively, think critically and write purposefully and capable for academic and, in some cases, professional audiences; Locate, evaluate, and ethically utilize information to communicate effectively; and Demonstrate appropriate reasoning in response to complex issues.
- **INFORMATIONAL LITERACY:** (embedded in writing courses) Formulate a problem statement; Determine nature and extent of the information needed to address the problem; Access relevant information he use of information effectively and efficiently; Evaluate information and its source critically; Understand many of the economic, legal and social issues surrounding the use of information
- **EDUCATION:** Demonstrate evidence of appropriate content knowledge and dispositions necessary for supporting high achievement for all PK-12 students.

- **TRANSFER:** Transfer into an upper division Education baccalaureate degree program at an Oregon University System institution participating the Elementary Education Major Transfer Map (MTM) agreement having met all lower division general education requirements and being granted junior standing for both for the Education major and for university registration purposes.

**Type:** Associate Degree

## Associate of General Studies

### Associate of General Studies (AGS)

#### Overview

The Associate of General Studies degree is designed for students wishing to acquire a broad education, rather than pursue a specific college major or career technical program. Because of the flexibility of this degree, it may not fulfill requirements for transfer to a four-year institution.

#### Academic Requirements

The Associate of General Studies is awarded to students who meet the following:

##### 1. [Associate Degree Comprehensive Requirements](#)

##### 2. Associate of General Studies (AGS) Requirements:

**A. General Education Requirement:** Students must earn a minimum of 16 credits of General Education taken from the General Education /Discipline Studies List. These credits must come from courses taken in the following categories:

- Arts and Letters
- Social Sciences
- Science/Math/Computer Science

The 16 credits must include at least one course with a minimum of three credits from each category. General Education requirements for the AGS degree will be waived for students who enroll at OCCC with an AA, AAS, AGS, AS, BA, BS degree or higher from a regionally accredited institution or foreign equivalent.

**B. Basic Competency Requirements in writing and math for the AGS degree:**

Writing: Competency in writing must be demonstrated by either:

- Completing WR 121 with a C or better, or
- Passing a lower division collegiate\* writing course for which WR 121 is a prerequisite with a C or better

Students with AA, AAS, AGS, AS, BA, BS, degrees or higher from a regionally accredited institution or foreign equivalent, will have the basic competency in writing (WR 121) waived

Math: Competency in mathematics must be demonstrated by:

- Completing with a grade of C or P or better MTH 58, MTH 63 or MTH 65 , or
- Passing the OCCC Competency Exam for MTH 65, or
- Completing with a grade of C or P or better a MTH course (minimum of three credits) for which MTH 58, MTH 63 or MTH 65 or higher level math skills are a prerequisite

**C. Elective Credit Requirements -** All students must complete elective credits to meet the overall requirement of 90 credits for this degree. Elective credits may apply from any course numbered 100 or higher (either lower division collegiate or career technical). Elective credit limitations are:

- Maximum of six credits (100 level and above) of Physical Education (PE) may apply
- Maximum of six one-credit Management/Supervisory Development (MSD) workshops may apply
- Maximum of 24 credits of Occupational Skills Training (OST) classes may apply

#### AGS Degree Outcomes

Students who complete this degree should be able to:

- Communicate effectively by determining the purpose, audience and context of communication, and respond to feedback to improve clarity, coherence and effectiveness in workplace, community, and academic pursuits.
- Apply scientific, cultural, and political perspectives to natural and social systems and use an understanding of social change and social action to address the consequences of local and global human activity.

- Identify and investigate problems, evaluate information and its sources, and use appropriate methods of reasoning to develop creative and practical solutions to personal, professional, and community issues.
- Use an understanding of the variations in human culture, perspectives and forms of expression to constructively address issues that arise out of cultural differences in the workplace and community.
- Assess, examine and reflect on one's own academic skill, professional competence, and personal beliefs and how these impact others.
- Fulfill their educational needs using a variety of college level courses including lower division collegiate and career technical.

Type: Associate Degree

Total credits: 90

## Associate of Science Oregon Transfer in Business

### Associate of Science Oregon Transfer in Business (ASOT-BUS)

#### Overview

The Associate of Science Oregon Transfer-Business (ASOT-BUS) degree is designed for students planning to transfer credits to an Oregon public university and seek entry into that institution's Business program. Students completing the ASOT-BUS will have met the lower-division General Education requirements of an Oregon public university's baccalaureate degree program. Students transferring will have junior status for registration purposes.

Admission to the Business School of an Oregon public university is not guaranteed upon completion of the ASOT-BUS degree. Some institutions have specific requirements for admission to their Business program. Examples include: a higher minimum GPA requirement, a requirement that specific courses within the ASOT-BUS be taken for a letter grade (meaning that courses taken P/NP will not be accepted), or additional coursework. It is strongly recommended that students contact the specific Oregon public university's Business program early in the first term of their ASOT-BUS course work to be advised of admission requirements.

## Academic Requirements

The ASOT-BUS is awarded to students who meet the following:

### 1. Associate Degree Comprehensive Requirements

#### 2. Associate of Science Oregon Transfer-Business Requirements

All courses must be passed with a grade of "P" or "C" or better. Students must have a minimum cumulative GPA of 2.0 at the time the ASOT-BUS is awarded.

A. Foundational Requirements: Courses must be a minimum of three credits.

- Writing:\* Writing: WR 121 and either WR 122 or WR 227. A student must have at least eight credits of writing; student may need to complete WR 121, WR 122, and WR 227 to meet the eight credit requirement.

- Oral Communication: COMM 111 or COMM 112 or COMM 214 or SP 113

- Math:\* A minimum of three MTH courses for which Intermediate Algebra is a prerequisite. One course must be Statistics.

- Computer Applications: Students must demonstrate proficiency in word processing, spreadsheet, database, and presentation software by the successful completion of BA 131 or CAS 133, and CAS 170 or CAS 171.

\* Basic Competency Requirements for Writing and Math will be met by successfully completing these courses. The Information Literacy requirement is satisfied by successful completion of the Writing courses.

B. Discipline Studies: Students must complete at least 11 Discipline Studies courses from the General Education/ Discipline Studies List. All courses in Discipline Studies must be a minimum of three credits. A course may count toward Foundational Requirements or Discipline Studies but not both.

- Arts and Letters: Complete at least three courses chosen from at least two disciplines in this area

- Social Sciences: Complete at least four courses chosen from at least two disciplines in this area. A minimum of two courses in Microeconomics and Macroeconomics must be included.

- Science/Math/Computer Science: Complete at least four courses in at least two disciplines. At least three of these

courses must be laboratory courses in the biological or physical sciences. The fourth course can be one of the three MTH courses from the Foundational Requirements.

- **Cultural Literacy:** Students must select one course from any of the Discipline Studies that is designated as meeting the statewide criteria for cultural literacy (as indicated on the General Education/Discipline Studies List). This course can be one of the 11 required Discipline Studies courses.

C. Business-specific requirements: Each course must be completed with a "P" or "C" or better. BA 101, BA 211, BA 213, and BA 226. BA 226 may be replaced by any other faculty-approved 200-level BA course.

D. Elective credit requirements: All candidates must complete elective credits to meet the overall requirement of 90 credits for this degree. Elective courses may be any number of credits. Elective credits may include any lower division collegiate course. A maximum of 12 credits of Career and Technical Education courses may be applied to this degree. One-credit Management/Supervisory Development (MSD) workshops may not be applied to this degree. A maximum of three credits of Physical Education (PE) may be applied to this degree.

#### University Specific Prerequisites, Recommendations

Each Oregon public university has different requirements for its Business program; in some cases, meeting the minimum requirements of the ASOT-BUS degree will not fulfill the eligibility requirements for admission to the school's Business program. Examples of eligibility requirements include: a higher minimum GPA for admission than is required for the ASOT-BUS, a requirement that specific courses within the ASOT-BUS degree be taken for a letter grade (courses taken P/NP will not be accepted), or additional coursework beyond that included in the ASOT-BUS. Students are advised to contact their Oregon public university destination's Business program early in the first term of their ASOT-BUS course work to be advised of admission and additional course requirements beyond those stipulated above.

#### Eastern Oregon University

<http://www.eou.edu/admissions/transfer/>

#### Oregon Institute of Technology

<http://oit.edu/programs/manage>

#### Oregon State University

<http://business.oregonstate.edu/>

#### Portland State University

<http://www.pdx.edu/sba/>

#### Southern Oregon University

<http://sou.edu/business/undergrad/index.html>

#### University of Oregon

[http://lcb.uoregon.edu/App\\_Aspx/advisingResources.aspx](http://lcb.uoregon.edu/App_Aspx/advisingResources.aspx)

#### Western Oregon

<http://wou.edu/las/business/major.php>

### ASOT-BUS Outcomes

Students who complete this degree should be able to:

- Communicate effectively by determining the purpose, audience, and context of communication, and respond to feedback to improve clarity, coherence, and effectiveness in workplace, community, and academic pursuits.
- Apply scientific, cultural, and political perspectives to natural and social systems and use an understanding of social change and social action to address the consequences of local and global human activity.
- Identify and investigate problems, evaluate information and its sources, and use appropriate methods of reasoning to develop creative and practical solutions to personal, professional, and community issues.
- Use an understanding of the variations in human culture, perspectives, and forms of expression to constructively address issues that arise out of cultural differences in the workplace and community
- Demonstrate and apply the knowledge, skills, and attitudes necessary to enter and succeed in a defined profession or advanced academic program.
- Assess, examine, and reflect on one's own academic skill, professional competence, and personal beliefs and how these impact others.
- Transfer into an upper division baccalaureate degree program in Business at any institution in the Oregon University System offering a Business degree, having met all lower division general education requirements and being granted junior standing for both for the Business major and for university registration purposes.

Type: Associate Degree

Total credits:	90
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# Associate of Science Transfer in Computer Science

## Associate of Science Transfer in Computer Science Overview

The Associate of Science Transfer in Computer Science (AST-CS) degree is designed for students planning to transfer credits to an Oregon public university and seek entry into that institution's Computer Science program. Students completing the AST-CS will have met the lower-division General Education requirements of an Oregon public university's baccalaureate degree program. Students transferring will have junior status for registration purposes.

Admission to an Oregon public university is not guaranteed upon completion of the AST-CS degree. Some institutions have specific requirements for admission. Examples include: a higher minimum GPA requirement, a requirement that specific courses within the AST-CS be taken for a letter grade (meaning that courses taken P/NP will not be accepted), or additional coursework. It is strongly recommended that students contact the specific Oregon public university's early in the first term of their AST-CS course work to be advised of admission requirements.

## Academic Requirements

The AST-CS is awarded to students who meet the following:

1. [Associate Degree Comprehensive Requirements](#)
2. Associate of Science Transfer in Computer Science Requirements

All courses must be passed with a grade of "P" or "C" or better. Students must have a minimum cumulative GPA of 2.0 at the time the AST-CS is awarded.

A. Foundational Requirements: Courses must be a minimum of three credits.

- Writing:\* Writing: WR 121. A student must have at least eight credits of writing; student may need to complete WR 121, WR 122, and WR 227 to meet the eight credit requirement.
- Oral Communication: COMM 111.

- Math:\* MTH 111, MTH 112, MTH 251, and MTH 252 are required, other universities may also require 8 credits of Discrete Mathematics.

\* Basic Competency Requirements for Writing and Math will be met by successfully completing these courses. The Information Literacy requirement is satisfied by successful completion of the Writing courses.

B. Discipline Studies: Students must complete at least 11 Discipline Studies courses from the General Education/Discipline Studies List. All courses in Discipline Studies must be a minimum of three credits. A course may count toward Foundational Requirements or Discipline Studies but not both.

- Arts and Letters: Complete at least two courses chosen from at least two disciplines in this area for a minimum 6 credits. Must be an AAOT-approved course.
- Social Sciences: Complete at least two courses chosen from at least two disciplines in this area for a minimum 8 credits. Must be an AAOT-approved course.
- Science/Math/Computer Science: Complete at least four courses in at least two disciplines. BI 211 and BI 212 or CH 221 and CH 222 recommended for lab science. MTH 111 and MTH 112 required for mathematics. Some colleges may require an additional level in BI 213 or CH 223.
- Cultural Literacy: Students must select one course from any of the Discipline Studies that is designated as meeting the statewide criteria for cultural literacy (as indicated on the General Education/Discipline Studies List). This course can be one of the 11 required Discipline Studies courses.

C. Computer Science-specific requirements: Each course must be completed with a "P" or "C" or better. MTH 231, MTH 232, and CS 205 may be required by some universities. Core requirements are MTH 251, MTH 252, CS 160, CS 161, CS 162, and CS 260.

D. Elective credit requirements: All candidates must complete elective credits to meet the overall requirement of 98 credits for this degree. Elective courses may be any number of credits. Elective credits may include any lower division collegiate course. A maximum of 12 credits of Career and Technical Education courses may be applied to this degree. One-credit Management/Supervisory Development (MSD) workshops may not be applied to this degree. A maximum of three credits of Physical Education (PE) may be applied to this degree.

## University Specific Prerequisites, Recommendations

Each Oregon public university has different requirements for its Computer Science program; in some cases, meeting the minimum requirements of the AST-CS degree will not fulfill the eligibility requirements for admission to the school's Computer Science program. Examples of eligibility requirements include: a higher minimum GPA for admission than is required for the AST-CS, a requirement that specific courses within the AST-CS degree be taken for a letter grade (courses taken P/NP will not be accepted), or additional coursework beyond that included in the AST-CS. Students are advised to contact their Oregon public university destination's Computer Science program early in the first term of their AST-CS course work to be advised of admission and additional course requirements beyond those stipulated above.

## AST-CS Outcomes

Students who complete this degree should be able to:

- Demonstrate the ability for sound reasoning and problem-solving by planning, documenting, implementing, testing, and executing computer solutions to real-life problems.
- Apply knowledge of mathematics in the development of computer algorithms and solutions.
- Discuss key ethical issues and global concerns in relation to the field of computer science, and their responsibility to this field as computer science professionals of the future.
- Research, identify, evaluate, analyze, select, and implement current technologies as appropriate in order to implement effective solutions.

Type: Associate Degree

Total credits:

98-100

## Business Administration

Oregon Coast Community College offers an associate degree and career pathway certificates within Business Administration. The two-year degree emphasizes skills to be used on the job upon completion of the degree requirements and are not designed for students intending to transfer to four- year schools. If transferability of courses is a concern, students should consult with the

institution of their choice regarding transfer possibilities. State- approved Career Pathway Certificates vary in length but are designed to be completed in less than one year. These certificates help students attain skills for targeted entry-level jobs in specific areas of accounting.

Due to the rapid changes in employment opportunities, technological advances and certifying agency regulations, Business programs are subject to change. Students must meet OCCC's writing and math competencies prior to graduation. Additional requirements for individual business courses are listed in the Course Description section of this catalog.

## Accounting AAS Degree

Minimum 92 credits. Students must also meet Associate Degree Comprehensive Requirements and Associate of Applied Science Requirements. Students must complete a total of sixteen credits of General Education. Some courses specified within the program may be used as General Education. In addition to required courses in the program of study, students must satisfy MTH 58/65 competency. Students should consult with program advisors for course planning.

## Program Outcomes

- Analyze, record, and report accounting information in conformity with Generally Accepted Accounting Principles.
- Communicate effectively with business professionals.
- Develop and interpret accounting and financial information for decision making.
- Practice within the legal, ethical, and economic standards of the business environment.
- Use applicable technology available in accounting practice.

*Students who have completed high school bookkeeping or have had work experience with full- cycle bookkeeping responsibilities should substitute a business elective and start the accounting series BA 211 in the second term.*

Type: AAS Degree

## Accounting Degree Courses

Item #	Title	Credits
BA 101	Introduction to Business	4
BA 111	Introduction to Accounting	3
BA 177	Payroll Accounting	3
BA 205	Business Communication Using Technology	4
BA 206	Management Fundamentals	3
BA 211	Principles of Accounting I	4
BA 213	Managerial Accounting	4
BA 222	Financial Management	3
BA 223	Principles of Marketing	4
BA 226	Business Law I	4
BA 228	Computer Accounting Applications	3
BA 260	Introduction to Entrepreneurship	4
BA 285	Human Relations-Organizations	3
CAS 133	Basic Computer Skills/Microsoft Office	4
	CAS 170 or CAS 171	3
	CAS 216 or CAS 217	3
EC 201	Principles of Economics: Microeconomics	4
EC 202	Principles of Economics: Macroeconomics	4
	PHL 202 or BA 227	4
WR 121	English Composition	4
	Business Program Electives	11
	8 Credits Remaining General Education	8
<b>Total credits:</b>		<b>91</b>

## Accelerated Accounting Less than One Year Certificate

Minimum 29 credits. Students must meet all certificate requirements.

### Certificate Outcomes

- Students who successfully complete the One-Year Accounting Certificate will develop basic skills and introductory knowledge appropriate for entry-level bookkeeping and accounting positions.

*Students who have completed high school bookkeeping or have had work experience with full-cycle bookkeeping responsibilities should contact their academic advisor for potential substitution options. Students who can touch type more than 40 words per minute should substitute an approved business elective.*

*To satisfy graduation requirements for all business degrees and certificates, students must earn a letter grade of "C" or better for all BA courses.*

Type: Certificate

## Accelerated Accounting Certificate Courses

Item #	Title	Credits
BA 111	Introduction to Accounting	3
BA 177	Payroll Accounting	3
BA 211	Principles of Accounting I	4
BA 228	Computer Accounting Applications	3
CAS 133	Basic Computer Skills/Microsoft Office	4
	CAS 170 or CAS 171	3
	CAS 216 or CAS 217	3
	WR 90 or WR 115 or WR 121	3-4
	3 Credits Business Program Electives	3
<b>Total credits:</b>		<b>29-30</b>

## Entry-Level Accounting Career Pathway Certificate

Minimum 14 credits. Students must meet all certificate requirements. The Entry-Level Accounting Clerk Certificate is a Career Pathway. All courses are contained in the Accounting AAS Degree.

### Certificate Outcomes

- Analyze, record, and report accounting information
- Communicate effectively with business professionals.
- Use applicable technology available in accounting practice.

Type: Certificate

## Entry-Level Accounting Courses

Item #	Title	Credits
BA 101	Introduction to Business	4
BA 111	Introduction to Accounting	3
BA 228	Computer Accounting Applications	3
CAS 133	Basic Computer Skills/Microsoft Office	4
<b>Total credits:</b>		<b>14</b>

# Core Transfer Maps

## Core Transfer Maps Overview

Students may take classes that fit these categories at any Oregon community college, and all classes transfer to meet at least 30 credits of general education requirements for a bachelor's degree at any Oregon public university.

Note that students interested in a specific major should consult an existing transfer guide for that major when picking their specific Core Transfer Map classes. This will help keep you on track for credits towards your 4-year degree completion, by helping you select Core Transfer Map classes that can also fulfill lower-division requirements in your major. Students should **consult an academic advisor** for information on transfer guides

## Required Courses

Subject	General Pathway	STEM Pathway
Writing	WR 121 2 courses chosen from the AAOT General Education Arts & Letters list (6-8 credits)	WR 121 2 courses chosen from the AAOT General Education Arts & Letters list (6-8 credits)
Arts & Letters	2 courses chosen from the AAOT General Education Arts & Letters list (6-8 credits)	2 courses chosen from the AAOT General Education Arts & Letters list (6-8 credits)
Social Sciences	2 courses chosen from the AAOT General Education Social Science list (6-8 credits)	2 courses chosen from the AAOT General Education Social Science list (6-8 credits)
Natural Science	2 Lab Science courses chosen from the AAOT General Education Math/Science/Computer Science list (8-10 credits; lab science courses ONLY)	2 Lab Science courses chosen from the AAOT General Education Math/Science/Computer Science list (8-10 credits; lab science courses ONLY). Note that science courses for non-majors do not qualify)
Math	1 course (4-5 credits); any 100-level or 200-level MTH course for which MTH 95 or MTH 98 is a prerequisite	1 course (4-5 credits); any 100-level or 200-level MTH course for which MTH 95 or MTH 98 is a prerequisite

## Additional Requirements

Subject	General Pathway	STEM Pathway
Cultural Literacy	Students must select one course from any of the discipline studies that is designated as meeting the statewide criteria for cultural literacy (as indicated on the	Students must select one course from any of the discipline studies that is designated as meeting the statewide criteria for cultural literacy (as indicated on the

	Subject General Pathway	STEM Pathway
General Education/Discipline Studies List). This course can be one of the 6 required courses in Arts & Letters, Social Sciences, or Natural Sciences.	General Education/Discipline Studies List). This course can be one of the 6 required courses in Arts & Letters, Social Sciences, or Natural Sciences.	General Education/Discipline Studies List). This course can be one of the 6 required courses in Arts & Letters, Social Sciences, or Natural Sciences.
At Least 30 Total Credits	If the credit total for the above requirements is less than 30 credits, select a course of your choice from the AAOT General Education list.	If the credit total for the above requirements is less than 30 credits, select a course of your choice from the AAOT General Education list.
Completion Standards	All courses must be completed with a grade of "C" or "P" or better. Students must have a cumulative GPA of at least 2.0 in the Foundational Curriculum courses at the time of completion.	All courses must be completed with a grade of "C" or "P" or better. Students must have a cumulative GPA of at least 2.0 in the Foundational Curriculum courses at the time of completion.

## Completed Core Transfer Map Curricula

	Subject General Pathway	STEM Pathway
Total	At least 8 courses (at least 30 credits)	At least 8 courses (at least 30 credits)

Type: Other

Total credits: 0

## Early Childhood Education

### Early Childhood Education Career Pathway Certificate Investing in Children

The early years shape a life. Research in child development has demonstrated that during the years from birth through 6 years old, important growth occurs in all domains, including social, emotional, cognitive, linguistic and physical development. The early childhood



educator – whether a teacher, family or child care provider – plays a critical role in fostering children's development and investing in their future.

In OCCC's Early Childhood Education program, we offer you the skills you need to succeed in the world of early childhood development, early childhood education centers, preschool programming, infant and toddler care, and family child care programs. Employment opportunities may include teaching assistant, child care aide, lead teacher, family child care provider and program director.

## Program Overview

OCCC offers a Career Pathway's Certificate in early childhood education for those interested in working with children and families.

The Early Childhood Education (ECE) program prepares teachers and home care providers of young children, ages birth through five, to plan environments, develop suitable learning experiences, and work closely with families in childhood care and education contexts. They also supervise play and physical needs of small children, organize daily activities, keep records of children's progress, and confer with parents. Early education graduates may also work in related fields such as child care resource and referral.

## Academic Prerequisites

Placement into RD 115 and WR 115.

## Program Outcomes

- Employ their understanding of and relationships with children and families and their understanding of developmentally and culturally effective approaches to teaching and learning to implement and evaluate experiences that promote positive development and learning for all young children (critical thinking & problem solving; communication; cultural awareness)
- Identify themselves as collaborative learners who demonstrate reflective perspectives on their work, making decisions that integrate knowledge from professional sources. (Self reflection; communication)
- Know and use professional standards related to early childhood practice. (professional competence)
- Use observation and documentation, in partnership with families and other professionals, to positively influence children's development and learning. (professional competence, communication)

- Use their understanding of the importance and complex characteristics of children's families and communities to create respectful reciprocal relationships that support and involve all families in their children's development and learning. (cultural awareness; self reflection)

## Early Childhood Education Career Pathway Certificate

Minimum 36 credits. Students must meet all certificate requirements.

While in the program, students must:

- Receive a grade of "C " or better in every required early education class in order to receive a certificate or degree
- Meet practicum competencies for the certificate and degree.

## Practicum

Practicum (student teaching) is a required component of the program. Practicum allows students to develop skills in working with children in a group setting using developmentally appropriate methods.

Before students can begin practicum, they must submit documentation of registration with Oregon's Criminal History Registry, of measles immunization, and of a current Food Handler's Card. All required forms are available from the program office (HT 318) and the Child Development Center.

Students are advised to begin gathering this documentation early (well before practicum begins). Students who have not submitted the required documentation to their practicum instructor may not begin practicum.

## Additional Information

Prospective students should note that a completed not-for-credit credential (the CDA: Child Development Associate and the Oregon Registry Step 7) may apply to the Early Childhood Education program and the student's transcript for program credit. Please speak with a [program advisor](#) for more details.

<sup>1</sup> Students with a valid CPR card may receive non-traditional credit.

<sup>2</sup> Students must enroll in practicum seminar each term they take practicum.

**Type:** Certificate

Item #	Title	Credits
ED 120	Introduction to Early Education and Family Studies	3
ECE 121	Observation and Guidance I	3
ECE 122I	Environments and Curriculum for 4 Infants and Toddlers	4
ECE 123P	Environments and Curriculum for 4 Preschool	4
ED 124	Multicultural Practices: for Early Childhood Education	3
	ECE 130A <sup>2</sup>	2
	ECE 130B <sup>2</sup>	2
	ECE 133 or ECE 131A	
ECE 196	Teaming and Communication in ECE Settings	2
	ECE 134 or ECE 131B	
	HE 112 <sup>1</sup>	1
ED 232	Health, Safety and Nutrition Practices for Early Childhood Environment	3
HEC 201	Family Partnerships in Education	3
	<b>Total credits:</b>	<b>36</b>

## Emergency Medical Services

The Emergency Medical Services Department offers career training for entry-level positions in emergency medical settings. Ambulance companies, fire departments, police departments, and various other industries requiring emergency medical services may employ EMS Providers. After successful completion of all requirements for EMT or AEMT training, the student is eligible to apply to take the respective state licensure exams.

The Emergency Medical Services (EMS) Department trains and educates EMS professionals to excel in meeting the needs of the community. EMS Providers respond to medical emergencies by providing immediate care and transportation to the ill and injured. This department combines classroom lectures, hands-on skills labs and appropriate cooperative clinical and field experience to provide students with cognitive, psychomotor, and affective competence to function as effective EMS providers.

### Advanced Emergency Medical Technician Less than One-Year Certificate

The Emergency Medical Services Department offers career training for entry-level positions in emergency

medical settings. Ambulance companies, fire departments, police departments, and various other industries requiring emergency medical services may employ EMS Providers. After successful completion of all requirements for EMT or AEMT, training, the student is eligible to apply to take the respective state licensure exams.

The Emergency Medical Services (EMS) Department trains and educates EMS professionals to excel in meeting the needs of the community. EMS Providers respond to medical emergencies by providing immediate care and transportation to the ill and injured. This department combines classroom lectures, hands-on skills labs and appropriate cooperative clinical and field experience to provide students with cognitive, psychomotor, and affective competence to function as effective EMS providers.

The Advanced Emergency Medical Technician (AEMT) provides basic and limited advanced emergency medical care and transportation for critical and emergent patients who access the emergency medical system. AEMTs function as part of a comprehensive EMS response, under medical oversight, performing interventions with the basic and advanced equipment typically found on an ambulance. The AEMT is a link from the scene to the emergency health care system. Minimum 20 credits. Students must meet all certificate requirements.

### Certificate Outcomes

- Perform the professional functions of an entry-level Advanced Emergency Medical Technician.

*Minimum 20 credits. Students must meet all certificate requirements.*

### Academic Prerequisites

- WR 115; MTH 20; RD 90
- Must have completed high school or GED.
- Applicants for EMS courses must meet all prerequisites prior to registration into EMS courses.
- Submit photocopies of transcripts, immunization documentation and completed application to the EMS Department for review. Contact department office for instructions. Incomplete applications will not be accepted. Applicants for the paramedic level must complete a departmental selection process.

### Non-Academic Prerequisites

- Must be a minimum of 18 years of age.

- Must have documented results of: TB exam (within 6 months), MMR (measles, mumps, and rubella immunity) if born after 12-31-56, Tdap (within past 10 years), Hepatitis B immunization series started, Varicella (chicken pox immunity), influenza (one dose each year for students needing clinical placement).
- AHA Healthcare Provider BLS (CPR) or ASHI CPR-Pro card current through certification/licensure testing.

## Additional Requirements

Satisfactory Criminal History Background check and drug screening will be mandatory to qualify for clinical rotations and state licensure. The cost for Criminal History Background check and drug screening is the responsibility of the applicant/student. Applicants and students must demonstrate a personal history compatible with being certified as Emergency Medical Services applicant. All applicants are required to check the [Disqualifying Crimes and Potentially Disqualifying Crimes list](#)

Every Emergency Medical Services program applicant and student must answer questions to determine if there is personal history of:

- conviction for a criminal offense or
- physical or mental health problems that might interfere with the requirements of nursing practice.
- Failure to provide truthful and complete answers to these questions will result in denial of admission for applicants and dismissal for students.
- If the college becomes aware of criminal or unethical behavior on the part of the applicant, admission will be denied.

A student admitted to the program with a history of substance abuse will be monitored for indications of a recurrence of substance abuse per College policy. Any student whose behavior, appearance, or breath odor indicates inappropriate use of alcohol or other drugs can be required to undergo immediate drug testing to detect the presence of alcohol or other drugs and to report the results of such testing to the CTE Director. The student's status in the program will be reviewed by the medical assistant faculty and the director. Any required testing and counseling shall be at the student's expense. Failure to follow a counselor- prescribed treatment plan will result in dismissal from the pro

Applicants should be aware that the following questions are asked on the National Registry EMT and/or the Oregon EMT Application:

1. Do you or have you had within the past 10 years, any physical or mental condition that impairs, could impair, or has impaired your ability to perform the duties of an EMS Provider? If you answer yes, explain whether your condition is controlled by medication or other treatment and how your condition treated or untreated, affects your ability to perform the duties of an EMS Provider.
2. Do you or have you used in the last 10 years, any drug or chemical substance for other than legitimate medical purposes that impairs or has impaired your ability to perform the duties of an EMS Provider?
3. Have you been counseled about, diagnosed with, or treated for, a dependency on alcohol or drugs within the last 10 years?
4. Have you ever been arrested, charged with, or convicted of any misdemeanor or felony? (Minor traffic violations need not be reported.)
5. Has an employer or supervising physician taken disciplinary action against you related to your duties as an EMS Provider? (Discipline includes suspension, letter of reprimand, resignation in lieu of termination, a limitation or restriction of scope of practice or dismissal for cause.)
6. Have you been named in a lawsuit alleging medical malpractice or misconduct related to providing medical care?
7. Have you ever been disciplined, denied or revoked by the National Registry of EMTs or any health care certifying/licensing agency?
8. Have you ever surrendered or resigned a health care license or certificate?
9. Have you lived, worked or attended school outside of Oregon for 60 or more consecutive days in the last 5 years?

## Academic Requirements

- Attendance of the first session of each course is mandatory. Students missing the first class will be dropped from the roster by the department.

## Technical Standards for Students with Disabilities Information

Emergency Medical Services is a physically and mentally challenging occupation. Education related to this field is designed to prepare students for these challenges. Emergency Medical Service students must be able to meet all established essential academic and clinical requirements to successfully complete the program. Persons with questions concerning qualifications are

encouraged to contact the Health and Human Services office for individual consultation prior to formal application.

OCCC Emergency Medical Services provides the information on technical standards with examples of learning activities to inform prospective and enrolled students of the skills required in completing their chosen profession's curriculum and in the provision of health care services.

These [technical standards](#) reflect the performance abilities and characteristics that are necessary to successfully complete the requirements of clinical based health care programs. The technical standards are available on the college website.

Applicants with disabilities are encouraged to contact Dean of Students 541-867-8501. To be eligible for a reasonable accommodation, applicants must provide clear documentation of their disability. The Dean of Students is responsible for determining if reasonable accommodations can be identified and ensuring that accommodations are provided for OCCC students. These services are confidential and are separate from the nursing and college application processes. Early contact with the Dean of Students will ensure that accommodations can be made available when students begin the program.

## Program Costs

Please refer to the college website for current program costs. Contact Student Services at 541-867-8503 to find out about Financial Aid eligibility.

**Additional Information: Please refer to the college web page for EMT for additional information including application to the program.**

Type: Certificate

### Term 1

Item #	Title	Credits
EMS 105	EMT Part I	5

### Term 2

Item #	Title	Credits
EMS 106	EMT Part II	5

### Term 3

Item #	Title	Credits
EMS 135	Advanced EMT Part 1	5

### Term 4

Item #	Title	Credits
EMS 136	Advanced EMT Part 2	5
Total credits:		20

## Medical Assistant

The Medical Assistant Program prepares students for entry level employment in a physician's clinic or a variety of other healthcare settings. Program graduates will have the academic, administrative and clinical skills necessary for an allied health care professional. Courses cover anatomy, physiology, and medical terminology, as well as, computers, office procedures, communications, psychology and mathematics. Those training in the Medical Assisting Program will find occupations involved within various aspects of health care in clinics and physicians' offices. The medical assistant performs a variety of clinical and administrative duties.

Clinical duties may include: assisting physicians and preparing patients for examinations; taking and recording vital signs and medical histories; performing venipuncture, spirometry, and electrocardiograms; and preparing, administering, and documenting medications; collecting and processing specimens.

Administrative duties may include: scheduling and receiving patients; maintaining medical records; handling telephone calls; corresponding authorizations and reports; and insurance and billing matters.

Students are prepared to function under the supervision of a licensed provider. The program is designed to correlate classroom and laboratory experience with practical experience in health care facilities. The program is accredited by National Center for Competency Testing (NCCT) and when students complete the program they are eligible to apply for National Certification which is required by many healthcare facilities.

## Program Outcomes

Upon completion of the Medical Assistant Training Program students will have the resources to:

- Interact in a caring and respectful manner with patients, families, and the health care team.
- Establish and manage office procedures and implement medical documentation systems using appropriate medical terminology.

- Perform the administrative business tasks required in a medical office.
- Assist the physician and other members of the health care team in clinical procedures related to the examination and treatment of patients.
- Comply with quality assurance requirements in performing clinical laboratory procedures.
- Perform common diagnostic procedures under a licensed health care provider to ensure patient comfort and safety.

Pre-requisites: High School Completion or GED; placement in Writing 121 or completion of WR 115 and RD 115 with a C or better; and placement in MTH 20 or higher.

## Other Requirements

Once conditionally admitted, students will be required to complete various state and program requirements such as a criminal background check, immunizations and drug screening. For more information contact the Health and Human Service Department and/or Academic Advising.

## Medical Assistant Less Than One-Year Certificate

### Program Overview

OCCC's Medical Assisting Certificate prepares students for entry level employment in a physician's clinic or a variety of other healthcare settings. Program graduates will have the academic, administrative and clinical skills necessary for an allied healthcare professional.

### Program Outcomes

Upon completion of the Medical Assisting Training Program students will:

- Interact in a caring and respectful manner with patients, families, and the health care team.
- Establish and manage office procedures and implement medical documentation systems using appropriate medical terminology.
- Perform the administrative business tasks required in a medical office.
- Assist the physician and other members of the health care team in clinical procedures related to the examination and treatment of patients.
- Comply with quality assurance requirements in performing clinical laboratory procedures.

- Perform common diagnostic procedures under a licensed health care provider to ensure patient comfort and safety.

## Overview of the Role of Medical Assisting

Perform administrative and clinical duties under the direction of a physician or other medical practitioner. Administrative duties may include scheduling appointments, keeping medical records, billing, and insurance coding.

Employers look for candidates who can demonstrate they have the qualities necessary for success in the Medical Assisting field: candidates who:

- Can think critically, solve problems and construct practical solution
- Have excellent interpersonal, written and verbal communication skills
- Are nonjudgmental about the diverse populations of people
- Are service oriented
- Have the abilities for social perceptiveness

[Video: Learn about the Medical Assistant Field](#)

## Nationally Certified Medical Assistant Program Costs

Please refer to the college website for current program costs. Contact Student Services at 541-867-8503 to find out about Financial Aid eligibility.

## Potential Earnings

Please see the college website regarding employment opportunities and salaries noted at the State of Oregon Department of Employment.

## Technical Standards for Students with Disabilities Information

Medical Assisting is a physically and mentally challenging occupation. Education related to this field is designed to prepare medical assistants for these challenges. Medical Assistant students must be able to meet all established essential academic and clinical requirements to successfully complete the program. Persons with questions concerning qualifications are encouraged to contact the Health and Human Services office for individual consultation prior to formal application.

OCCC National Certified Medical Assistant Program provides the information on technical standards with examples of learning activities to inform prospective and enrolled students of the skills required in completing their chosen profession's curriculum and in the provision of health care services. These technical standards reflect the performance abilities and characteristics that are necessary to successfully complete the requirements of clinical based health care programs.

Applicants with disabilities are encouraged to contact Dean of Students 541-867-8501. To be eligible for a reasonable accommodation, applicants must provide clear documentation of their disability. The Dean of Students is responsible for determining if reasonable accommodations can be identified and ensuring that accommodations are provided for OCCC students. These services are confidential and are separate from the nursing and college application processes. Early contact with the Dean of Students will ensure that accommodations can be made available when students begin the program. Please refer to the [college website](#) regarding technical standards and additional program requirements/application.

## Additional Requirements

Applicants and students must demonstrate a personal history compatible with being certified as a Medical Assistant. Admission to and completion of the Nationally Certified Medical Assistant program does not assure eligibility for national certification. All applicants are required to check the [Disqualifying Crimes and Potentially Disqualifying Crimes](#) list.

Every Nationally Certified Medical Assistant program applicant and student must answer questions to determine if there is personal history of:

- Conviction for a criminal offense or
- Physical or mental health problems that might interfere with the requirements of nursing practice.
- Failure to provide truthful and complete answers to these questions will result in denial of admission for applicants and dismissal for students.
- If the college becomes aware of criminal or unethical behavior on the part of the applicant, admission will be denied.

Prior to acceptance into the medical assistant program, the student will be required to submit to a criminal

background check and a drug screen. A student admitted to the program with a history of substance abuse will be monitored for indications of a recurrence of substance abuse per College policy. Any student whose behavior, appearance, or breath odor indicates inappropriate use of alcohol or other drugs can be required to undergo immediate drug testing to detect the presence of alcohol or other drugs and to report the results of such testing to the CTE Director. The student's status in the program will be reviewed by the medical assistant faculty and the director. Any required testing and counseling shall be at the student's expense. Failure to follow a counselor-prescribed treatment plan will result in dismissal from the program.

## Certification Completion Requirements

Students may earn a Certificate of Completion in Nationally Certified Medical Assistant by successfully completing the required 41 credits with a letter grade of "C" or better in all required courses.

## Articulation Agreements

Oregon Coast Community College (OCCC) has an articulation agreement with the Oregon Institute of Technology (OIT), for students graduating from the Medical Assistant Program to enable the students to pursue a [Bachelor of Science in Health Care Management, Administration Option at Oregon Institute of Technology \(OIT\)](#).

Type: Certificate

### Term 1

Item #	Title	Credits
NCMA 101	Body Structure & Function I	4
NCMA 102	Clinical Procedures I	4
WR 121	English Composition	4

### Term 2

Item #	Title	Credits
NCMA 103	Office Skills for the Medical Office	5
NCMA 111	Body Structure and Function II	4
NCMA 112	Clinical Procedures II	4

## Term 3

Item #	Title	Credits
NCMA 113	Clinical Practicum I	4
NCMA 125	Pharmacology for Medical Assistants	3
PSY 101	Psychology and Human Relations 4	

## Term 4

Item #	Title	Credits
NCMA 123	Medical Assistant Clinical Practicum II	5
Total credits:		41

## Nursing

Oregon Coast offers a career ladder program for those who want to become licensed practical nurses (through the first-year Practical Nursing Certificate) or registered nurses (through the Associate of Applied Science in Nursing). Oregon Coast Community College staff members are also ready to advise students planning to transfer to a school of nursing that grants baccalaureate degrees. Oregon Coast Community College offers general education courses that apply to a Bachelor of Science program.

## Employment Opportunities

As a nurse, your responsibilities will vary depending on where you choose to work. Hospital staff nurses care for a group of patients and often supervise others. They assess the needs and problems of their clients, diagnose nursing problems, and plan, implement and evaluate nursing care. The job requires technical, critical thinking and interpersonal skills. Nurses interact with clients and their families, as well as other members of the health care team. Your exact job activities will vary from day to day, depending on the type and condition of the clients under your care. However, each day will call for careful observation, decision-making and problem solving. Providing nursing care is both challenging and rewarding.

## Prerequisites

The following courses are required for application to the OCCC Nursing program for both Practical Nursing and the Associate of Applied Science Degree in Nursing.

- Elementary Algebra, MTH 95 or higher, or placement

- Human Anatomy and Physiology (BI 231 and BI 232; Note: BI 112 is the prerequisite for BI 231).
- English Composition (WR 121 and WR 122 or WR 123 or WR 227)
- General Psychology (PSY 201A)
- Human Development (PSY 215)
- Medical Terminology (MP111)

Science and math courses must have been completed within 7 years of application. If the math is older than 7 years, you can take the placement test and must score into Math 111 or higher within one year prior to applying to meet the math requirement.

- The science and math courses must be completed by the end of winter term of the application year with a letter grade of "C" or better, and within seven years prior to entering the Nursing Program.
- Fundamentals of Nutrition (FN225) must be completed by the Fall Term of the first year of the nursing program.
- The nursing program at OCCC is complete and most pre-Nursing students complete the majority of general education and science courses required for the Nursing Program in order to enhance their chance of admission.

Specific entry requirements are outlined in the Nursing Application on the Oregon Coast Community College website. Enrollment in the program is limited, and there is an early deadline for applications. Most students spend one or more years in a pre-Nursing program to prepare for applying to the Nursing program. Students considering the Nursing Program are highly recommended to contact the Student Services at 541-867-8501 to meet with an academic advisor.

## Technical Standards and Student Disability Information

Nursing is a physically and mentally challenging occupation. Education related to this field is designed to prepare nurses for these challenges. Nursing students must be able to meet all established essential academic and clinical requirements to successfully complete the program. Persons with questions concerning



qualifications are encouraged to contact the Health and Human Services office for individual consultation prior to formal application.

OCCC Nursing Program provides the information on technical standards with examples of learning activities to inform prospective and enrolled students of the skills required in completing their chosen profession's curriculum and in the provision of health care services. These technical standards reflect the performance abilities and characteristics that are necessary to successfully complete the requirements of clinical based health care programs. The technical standards are available on the college website. Applicants with disabilities are encouraged to contact Dean of Students 541-867-8501. To be eligible for a reasonable accommodation, applicants must provide clear documentation of their disability.

The Dean of Students is responsible for determining if reasonable accommodations can be identified and ensuring that accommodations are provided for OCCC students. These services are confidential and are separate from the nursing and college application processes. Early contact with the Dean of Students will ensure that accommodations can be made available when students begin the program.

## Articulation with Linfield

Oregon Coast and Linfield College have developed a co-enrollment agreement to assist students who complete the Associate Degree in Nursing have a smooth transition to Linfield College's RN to BSN program. For more information on Nursing articulation from Oregon Coast to Linfield, students are urged to contact the Director of Career and Technical Programs or Student Services.

## Additional Requirements

Applicants and students must demonstrate a personal history compatible with obtaining a license to practice Nursing in Oregon. Admission to and graduation from the Nursing Program does not assure eligibility for licensure. The Oregon State Board of Nursing (OSBN) makes the determination about eligibility for licensure. The OSBN may not license persons with certain criminal convictions or with a major mental or physical illness that could affect ability to practice safely. Applicants or students with questions about licensing regulations may want to call OSBN at 971-673-0685. All applicants are required to check the Disqualifying Crimes and Potentially Disqualifying Crimes lists available on the website:

<http://www.oregoncoastcc.org/degrees/>

Every Nursing Program applicant and student must answer questions to determine if there is personal history of:

- conviction for a criminal offense or
- physical or mental health problems that might interfere with the requirements of nursing practice.
- Failure to provide truthful and complete answers to these questions will result in denial of admission for applicants and dismissal for students.
- If the college becomes aware of criminal or unethical behavior on the part of the applicant, admission will be denied.

Once a student is accepted into the nursing program they will be required to submit to a criminal background check and a drug screen. A student admitted to the Program with a history of substance abuse will be monitored for indications of a recurrence of substance abuse per College policy. Any student whose behavior, appearance, or breath odor indicates inappropriate use of alcohol or other drugs can be required to undergo immediate drug testing to detect the presence of alcohol or other drugs and to report the results of such testing to the CTE Director. The student's status in the program will be reviewed by the nursing faculty and the director. Any required testing and counseling shall be at the student's expense. Failure to follow a counselor-prescribed treatment plan will result in dismissal from the Program.

## Associate of Applied Science in Nursing

OCCC's Nursing program is approved by the Oregon State Board of Nursing. In our program, you will learn the knowledge and skills required for an entry-level nursing job, and qualify to take the National Council Licensure Examination for Registered Nurses, which is a requirement for practice.

Our program is designed to prepare the student to be licensed as a registered nurse. RNs deliver nursing care in a variety of healthcare settings. RN's apply knowledge drawn from a broad, in-depth education in the social and physical sciences to assess, plan, order, give, delegate, teach and supervise care that promotes a patient's optimum health and independence. A nurse guides other team members with less education and/or experience, evaluates needs for patient instruction, plans and participates in health teaching, and applies mental health principles to nursing care and function. RN's must also assume responsibility for their professional development.



RN's Make decisions regarding patient care based on professional values and responsibilities at the associate degree nurse level while complying with identified legal/ethical standards (scope of practice regulations established by boards of nursing and Code of Practice guidelines established by the American Nurses Association).

Admitted students may earn an Associate of Applied Science degree in Nursing by successfully completing 91 required credit hours of the two-year Nursing program (50 credits of first year of the program; 41 credits of the second year of the program) and 32 per-requisite credits. BI, FN, NUR and general education courses to be completed with a letter grade of "C" or better, it is required that all prerequisite courses are completed under the same rule. An associate degree in nursing qualifies students to apply to the Oregon State Board of Nursing to apply for licensure and to take the National Council Licensure Exam (NCLEX-RN) to become a registered nurse (RN).

## Program Outcomes

Students completing the Associate of Applied Science in Nursing degree will have the resources to:

- Use a holistic approach to develop, implement, and evaluate plans of care for patients that apply standard nursing care plans to meet individual needs.
- Communicate effectively and collaboratively in a self-directed manner with patients, families, and members of the healthcare team.
- Use first-level management skills in providing care for individuals and groups of patients.

*Note: The number of clock hours required for the below courses is higher than the number of credit hours. Details about clock hours for each course can be found in the Course Descriptions section of this catalog. Nursing courses are a combination of classroom and clinical hours with each classroom credit hour equal to one clock hour per week and each clinical credit hour equal to three clock hours per week. Preparation time for class and clinical experiences is outside the clock hours required for each course.*

## Associate Degree Nursing Program Costs

Please refer to the college website for current program costs

Contact Student Services at 541-867-8503 to find out about Financial Aid eligibility.

Approved General Education Electives for Nursing. We utilize Portland Community College's approved general education electives for the Associate of Applied Science. The list is located in the college catalog. OCCC offers term by term a subset of these approved electives. Please confer with your academic advisor at OCCC regarding approved electives.

For program admission information, please visit [OCCC Nursing Web Page](#).

## Technical Standards

The Oregon Coast Community College Nursing Program has the responsibility to society to educate competent health care providers to care for their patients/clients with clinical judgment, broadly based knowledge and competent technical skills at the entry level. The program has academic as well as technical standards (non-academic criteria) students must meet in order to successfully progress in and graduate from the program. The [Technical Standards](#) document is provided in order to assure that the students who enter the program know and understand the requirements, and can make informed decisions regarding the pursuit of this profession.

## Articulation Agreement

Oregon Coast Community College (OCCC) has a co-enrollment agreement with Linfield College and the OCCC Nursing program to give students graduating from our program an opportunity to pursue a Bachelor's in Nursing degree. The Co-Admission Agreement between [Linfield College](#) and OCCC facilitates student progression from the Associate of Applied Science degree program to the Bachelor of Science degree program (RN to BSN) through consistent program communication, curricular coordination, and focused academic advising. Collaboratively, we are promoting successful undergraduate educational experiences for our nursing students.

*Note: The number of clock hours required for the courses is higher than the number of credit hours. Details about clock hours for each course can be found in the Course Descriptions section of this catalog. Nursing courses are a combination of classroom and clinical hours with each classroom credit hour equal to one clock hour per week and each clinical credit hour equal to three clock hours*

per week. Preparation time for class and clinical experiences is outside the clock hours required for each course.

All required courses must be completed with a letter grade of "C" or higher.

Type: Associate Degree

## Prerequisites

All required courses must be completed with a letter grade of "C" or higher.

Item #	Title	Credits
BI 231	Human Anatomy & Physiology I	4
BI 232	Human Anatomy & Physiology II	4
MP 111	Medical Terminology	4
MTH 95	Intermediate Algebra	4
PSY 201A	Introduction to Psychology - Part 1	4
PSY 215	Human Development	4
WR 121	English Composition	4
	WR 122 or WR 123 or WR 227	4

## Year 1, Term 1

Item #	Title	Credits
BI 233	Human Anatomy & Physiology III	4
NUR 141	Fundamentals of Nursing	12

## Year 1, Term 2

Item #	Title	Credits
BI 234	Microbiology	5
NUR 142	Care of Acutely Ill Patients and Developing Families I	12

## Year 1, Term 3

Item #	Title	Credits
NUR 143	Care of Acutely Ill Patients and Developing Families II	12
NUR 145	Introduction to Pharmacology & Pathophysiology	1
FN 225	Nutrition	4

## Year 2, Term 1

Item #	Title	Credits
NUR 241	Care of Patients with Complex Health Problems	12
	4 Credit Social Science Elective	4

## Year 2, Term 2

Item #	Title	Credits
NUR 242	Care of Patients in Situations of Crisis and in Community	12
	3 Credits Arts and Letters Elective	3

## Year 2, Term 3

Item #	Title	Credits
NUR 243	Preparation for Entry into Practice	8
NUR 244	Preparation for the NCLEX-RN Exam	2
	<b>Total credits:</b>	<b>91</b>

## Certified Nursing Assistant Level 2

The Certified Nursing Assistant Level 2 Certificate (CNA2) prepares individuals to work as a Certified Nursing Assistant Level 2. Students will learn the knowledge and skills necessary to care for patients in a variety of healthcare facilities. This course requires both time and a "personal caring" commitment from the students.

Students must be able to meet the physical requirements, engage in therapeutic communication, and deal with stressful interpersonal situations. As a member of the healthcare team and under the supervision of a registered nurse, individuals will perform clinical duties including identifying findings, patterns, habits, and behaviors that deviate from normal in a care setting, use accepted terminology to describe and report findings, and act within the scope of responsibilities and as designated by the RN for abnormal findings.

Students may earn a Level 2 Nursing Assistant Certificate by successfully completing the required 14 credits of coursework. Individuals receiving the Level 2 Nursing Assistant certificate will be eligible to become a Certified Nursing Assistant Level 2 under the guidelines of the Oregon State Board of Nursing.

## Program Outcomes

- Utilize appropriate infection control measures while providing patient care, including hand hygiene, disposal of contaminated articles, and hazardous wastes.
- Utilize proper body mechanics and safety transfer to prevent injury to self and client.
- Implement basic principles of personal care, including bathing, hair care, dressing/undressing, oral care, shaving and nail care.

- Utilize basic communication and interpersonal skills with patients as well as staff members, family members, and other health care team members.
- Provide safe and effective patient care to include meeting basic needs, personal care, restorative services, mental health services, social needs and patient rights.
- Distinguish between personal and professional values and legal/ethical responsibilities in practice.
- Deliver healthcare with relevant cultural knowledge and communicate between people from culturally diverse backgrounds using therapeutic and professional communication techniques in the clinical setting.
- Demonstrate adherence to clients' plan of care.
- Demonstrate proper use of diagnostic, safety, and therapeutic devices within the CNA's scope of practice.
- Recognize and report normal and abnormal patterns in clinical findings and behavior of clients to members of the health care team.
- Distinguish between personal and professional values and legal/ethical responsibilities in practice.
- Demonstrate Proficiency in skills related to common disease processes and conditions that affect body system function and the person functional ability.
- Demonstrate person-centered care by meeting the individual person's needs, preferences and abilities.

## Employment

Certified Nursing Assistant Level 2 work in various care facilities. As a member of the health care team and under the supervision of a Registered Nurse, individuals perform clinical duties including identifying findings and patterns, habits, and behaviors that deviate from normal in an acute care setting, use acceptable terminology to describe and report findings and take action within scope of responsibilities as designated by the RN for abnormal findings. Employment is projected to grow faster than average. Excellent job opportunities are expected. Please see the [college website](#) regarding employment opportunities and salaries noted at the State of Oregon Department of Employment.

## Other Requirements

Once conditionally admitted, students will be required to complete various state and program requirements such as a criminal background check, immunizations and drug screening. For more information contact the Health and Human Service Department and/or Academic Advising.

## Certified Nursing Assistant Level 2 Certificate

Students may earn a Level 2 Nursing Assistant Certificate by successfully completing the required 14 credits of course work with a C or better in all courses and meeting the requirements of the CNA 1 from the Oregon State Board of Nursing.

## Pre-requisites

High School Completion or GED; placement in Writing 121 or completion of WR 115 and RD 115 with a C or better; and placement in MTH 20 or higher.

## Program Cost

Please refer to the college website for current program costs at <https://oregoncoast.edu/nursing-assistant/>. Contact Student Services at 541-867-8503 to find out about Financial Aid eligibility.

## Technical Standards and Student Disability Information

Nursing Assisting is a physically and mentally challenging occupation. Education related to this field is designed to prepare nursing assistants for these challenges. Nursing Assistant students must be able to meet all established essential academic and clinical requirements to successfully complete the program. Persons with questions concerning qualifications are encouraged to contact the Health and Human Services office for individual consultation prior to formal application.

OCCC Certified Nursing Assistant Level 2 program provides the information on [technical standards](#) with examples of learning activities to inform prospective and enrolled students of the skills required in completing their chosen profession's curriculum and in the provision of health care services. These technical standards reflect the performance abilities and characteristics that are necessary to successfully complete the requirements of clinical based health care programs. The technical standards are available on the college website.

Applicants with disabilities are encouraged to contact Dean of Students 541-867-8501 To be eligible for a reasonable accommodation, applicants must provide clear documentation of their disability. The Dean of Students is responsible for determining if reasonable accommodations can be identified and ensuring that accommodations are provided for OCCC students. These services are confidential and are separate from the

nursing and college application processes. Early contact with the Dean of Students will ensure that accommodations can be made available when students begin the program.

## Additional Requirements

Applicants and students must demonstrate a personal history compatible with obtaining a license to practice as a Nursing Assistant in Oregon. Admission to and completion of the Certified Nursing Assistant Level 2 program does not assure eligibility for licensure. The Oregon State Board of Nursing (OSBN) makes the determination about eligibility for licensure. The OSBN may not license persons with certain criminal convictions or with a major mental or physical illness that could affect ability to practice safely.

All applicants are required to read the [Oregon Department of Human Resources Potentially Disqualifying Crimes from Division 7](#) and the Oregon Board of Nursing's criminal history requirements and policies found in [Division 1 of the Nurse Practice Act](#). Applicants or students with questions about licensing regulations may want to call OSBN at 971-673-0685.

Every Nursing Assistant program applicant and student must answer questions to determine if there is personal history of:

- conviction for a criminal offense or
- physical or mental health problems that might interfere with the requirements of nursing practice.
- Failure to provide truthful and complete answers to these questions will result in denial of admission for applicants and dismissal for students.
- If the college becomes aware of criminal or unethical behavior on the part of the applicant, admission will be denied.

Prior to acceptance into the nursing assistant program students will be required to submit to a criminal background check and a drug screen. A student admitted to the program with a history of substance abuse will be monitored for indications of a recurrence of substance abuse according to College policy. Any student whose behavior, appearance, or breath odor indicates inappropriate use of alcohol or other drugs can be required to undergo immediate drug testing to detect the presence of alcohol or other drugs and to report the

results of such testing to the CTE Director. The student's status in the program will be reviewed by the nursing assistant faculty and the director.

Any required testing and counseling shall be at the student's expense. Failure to follow a counselor-prescribed treatment plan will result in dismissal from the program.

Type: Certificate

### Term 1

Item #	Title	Credits
NUR 101	Nursing Assistant Level 1	8

### Term 2

Item #	Title	Credits
NUR 102	Certified Nursing Assistant Level 2: Acute Care	6
Total credits:		14

## Practical Nursing Certificate Program Overview

OSCC's Practical Nursing program is approved by the Oregon State Board of Nursing. In our program, you will learn the knowledge and skills required for an entry-level practical nursing positions, and qualify to apply to take the National Council Licensure Examination for Practical Nurses, which is a requirement for practice.

The Practical Nursing Certificate provides a one-year curriculum for students who desire to be a member of a nursing or health care team and gives care to patients of all ages under the direction of registered nurses and/or licensed physicians and dentists. After successfully completing the required 50 credits of the Practical Nursing program, students will be awarded a Certificate of Completion. Grades of C or better in all required courses are necessary to progress to the next term.

Completion of this level qualifies students to apply to take the National Council Licensure Exam (NCLEX-PN) to become a licensed practical nurse (LPN).

*Notes: This certificate is only open to student who have applies and been accepted into the associate of applied science in nursing program.*

## Program Outcomes

- Use a holistic approach in applying the nursing process at the practical nurse level when providing care for individuals and families across the lifespan.
- Use established guidelines to reinforce teaching of health promotion concepts across lifespan to groups in selected community settings.
- Communicate effectively with individual patients, families, and members of the healthcare team.
- Organize and prioritize components of care at the practical nurse level for two to four patients.
- Make decisions regarding patient care based on professional values while complying with identified legal/ethical standards (scope of practice regulations established by boards of nursing and Code of Practice guidelines established by the American Nurses Association).

## Practical Nursing Program Costs

Please refer to the college website for [current program costs](#)

Contact Student Services at 541-867-8503 to find out about Financial Aid eligibility.

## LPN to RN

Oregon Coast Community College offers a readmission advanced placement option for prior OCCC Nursing students who have stepped out, on a space-available basis. For information please contact the Director of CTE Programs at 541-867-8513. Please refer to the [college website](#) for additional information about the Practical Nursing Certificate.

## Technical Standards

The Oregon Coast Community College Nursing Program has the responsibility to society to educate competent health care providers to care for their patients/clients with clinical judgment, broadly based knowledge and competent technical skills at the entry level. The program has academic as well as technical standards (non-academic criteria) students must meet in order to successfully progress in and graduate from the program. The [Technical Standards](#) document is provided in order to assure that the students who enter the program know and understand the requirements, and can make informed decisions regarding the pursuit of this profession.

All required courses must be completed with a letter grade of "C" or higher.

*Note: The number of clock hours required for the courses is higher than the number of credit hours. Details about clock hours for each course can be found in the Course Descriptions section of this catalog. Nursing courses are a combination of classroom and clinical hours with each classroom credit hour equal to one clock hour per week and each clinical credit hour equal to three clock hours per week. Preparation time for class and clinical experiences is outside the clock hours required for each course.*

Type: Certificate

## Prerequisites

Item #	Title	Credits
BI 231	Human Anatomy & Physiology I	4
BI 232	Human Anatomy & Physiology II	4
MP 111	Medical Terminology	4
MTH 95	Intermediate Algebra	4
PSY 201A	Introduction to Psychology - Part 1	4
PSY 215	Human Development	4
WR 121	English Composition	4
	WR 122 or WR 123 or WR 227	4

## Year 1, Term 1

Item #	Title	Credits
BI 233	Human Anatomy & Physiology III	4
NUR 141	Fundamentals of Nursing	12

## Year 1, Term 2

Item #	Title	Credits
BI 234	Microbiology	5
NUR 142	Care of Acutely Ill Patients and Developing Families I	12

## Year 1, Term 3

Item #	Title	Credits
NUR 143	Care of Acutely Ill Patients and Developing Families II	12
NUR 145	Introduction to Pharmacology & Pathophysiology	1
FN 225	Nutrition	4
Total credits:		50

# Oregon Transfer Module

## Oregon Transfer Module (OTM)

The Oregon Transfer Module (OTM) provides a one- year curriculum for students who plan to transfer to a State of Oregon community college or university. The module allows students to complete one year of general education foundation course work that is academically sound and will meet the admission standards of the receiving school. The OTM is not a certificate or degree.

Students should work closely with an academic advisor to ensure selection of appropriate course work. Upon transfer, students may be required to complete additional course work in General Education or an academic major, that is specific to the receiving institution. Students who transfer prior to the completion of the Oregon Transfer Module will have their courses individually evaluated by the receiving institution.

Students must complete a minimum of 45 credits of lower division course work with a C- or better in order to complete the Oregon Transfer Module.

Type: Other

Total credits:	45
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## Teacher Education Pathway

### Teacher Education Pathway

#### Introduction

The Rural Teacher Education Pathway allows students from Lincoln County to complete the first two years of a Bachelor of Science in Education at Oregon Coast Community College and then transfer to Western Oregon University, with no loss of credit. Students pursuing Early Childhood/Elementary or Elementary/Middle School preparation pathways will transfer to Western Oregon University to complete the third year of study at WOU before returning to the Coast to complete their fourth year of study – including licensure and student teaching.

#### THE DETAILS: ELEMENTARY/MIDDLE SCHOOL TEACHER TRANSFER PROGRAM

Teaching is one of the most rewarding, yet challenging careers you can choose. Teachers make a difference in the lives of students – to help them learn to read, solve a math problem, or discover how plants grow. Elementary and middle school instructors introduce students to language, science, mathematics, social studies, the arts,

and physical education. (Students interested in high school teacher transfer pathways should speak with their OCCC and Western Oregon University advisors.)

Overall employment of kindergarten and elementary school teachers is expected to increase over the next decade to replace an aging teaching workforce. Science, math, special education, and bilingual teachers will be in great demand.

### Transferable Credits

Students can earn credits towards an Associate degree, which they can then transfer to Western Oregon University. Education classes count toward the Associate of Arts Oregon Transfer Degree.

Type: Other