

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.

Credits 5

Prerequisites

Equivalent placement test scores also.

Subject

Chemistry

Course 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.

Prerequisite Courses

WR 115

RD 115

MTH 95