

PREPROFESSIONAL LABORATORY EXPERIENCE, SKILL CERTIFICATE

Banner Code: 3_CO_LAB

Not Financial Aid Eligible

This program encompasses a selection of five major areas of laboratory skills for the preprofessional student. Students who finish this program will have mastered the hands-on basic laboratory skills covered in the four of the five courses: Cell and Molecular Biology (BIOL 180), Human Anatomy (BIOL C220), Microbiology (BIOL C210), Human Physiology (BIOL C225), and Introduction to Chemistry (CHEM C110).

Program Level Student Learning Outcomes

Upon completion of this program students will be able to:

1. Demonstrate effective skills in the use of the compound microscope.
2. Demonstrate ability to work with multiple forms of laboratory equipment.
3. Demonstrate ability to perform specialized tests and/or dissections such as in microbiology and/or physiology and/or anatomy.

A Certificate is awarded upon completion of the required coursework with a grade of C or higher in each course. To receive the certificate, the student must file a petition for graduation during his/her final semester. In addition 50 percent of the certificate program's units must be completed at Coastline.

Course	Title	Units
Required Core		
Complete four of the five laboratory skills courses with a grade of C or better:		2
BIOL C194	Labs Skills in Cell and Molecular Biology	
BIOL C195	Lab Skills in Anatomy	
BIOL C196	Lab Skills in Microbiology	
BIOL C197	Lab Skills in Physiology	
CHEM C198	Lab Skills in Chemistry	
Total Units		2