BIO 112

Term: SPRING 2016  
Course No. & Section: BIOL 112-04 – 15  
Course Title: GENERAL BIOLOGY II LAB  
Professor: DR. MICHELLE LUM  
DR. DEMIAN WILLETTE

Course Description (principal topics covered):

Objectives:
- To provide students with a laboratory-based experience of how biologists examine the natural world.

Content:
In this course students will engage in actual scientific studies that will introduce them to selected biological phenomena, specifically: microbial diversity and biochemistry; plant interactions and growth; and molecular methods used for identification and generation of phylogenetic trees of organisms. The results of these studies will be summarized via poster, PowerPoint and oral presentations, as well as in written form (e.g. scientific papers).

Prerequisites/Recommended Background:
- BIOL 101 or 102, or concurrent enrollment, plus CHEM 112 and 113 or concurrent enrollment

Required Texts/References:
- Lab manual and assigned reading from the scientific literature

Course Work/Expectations:
- Ability to work well with lab group members
- Lab presentations (oral, poster, PowerPoint)
- Written assignments (papers, homework exercises, etc)
- Maintaining a laboratory notebook
- Quizzes

Comments: