

Common Course Number: ZOO 1010-L

Course Title: Zoology Lab

Catalog Course Description: Laboratory for ZOO-1010 lecture. A survey of the animal kingdom based on a detailed study of the morphology, anatomy, and physiology of selected representative specimens.

Credit Hours: 1 hour

Prerequisites: none

Co requisite: ZOO 1010

Course competencies:

Competency 1: Use of the Microscope and the Scientific Method

Upon successful completion of this course, the student will show knowledge of use of the microscope and the scientific method by:

- A. Identifying the components of compound and dissecting microscopes and describing their functions.
- B. Comprehending the procedures for the care of compound and dissecting microscopes.
- C. Demonstrating ability to focus on objects under various powers of magnification of the compound microscope.
- D. Demonstrating the ability to make a wet mount.
- E. Demonstrating the ability to estimate the size of objects seen under the compound microscope.
- F. Describing the steps of the scientific method.
- G. Identifying the three types of variables encountered in scientific experimentation.