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.