

WEST VIRGINIA UNIVERSITY AT PARKERSBURG
UNIFORM COURSE SYLLABUS

Name of Course: General Biology II Lab Course No. Biology 104 Lab

Department: Biology Division: Natural Sciences/Mathematics

I. Course Objectives

- A. Classify organisms from the five taxonomic kingdoms.
- B. Describe the major branches of the tree of life as delineated by modern evolutionary evidence.
- C. Compare and contrast the anatomical features of representative invertebrates & vertebrates.
- D. Outline the general life cycles of plants (non-vascular & vascular) and animals.
- E. Identify major organ systems, organs, and tissues of representative mammals.
- F. Identify major organs, tissues, and meristems of seed plants.
- G. Link the physiology of the organs and organ systems of animals and plants to their function in maintaining homeostasis.

II. Topics to Be Studied

- A. Plant & Animal Taxonomy
- B. Comparative Organism Anatomy & Physiology
- C. Organism Reproductive Life Cycles
- D. Diversity of Organisms

III. Special Projects to Be Included in Course

Research papers	Reports
Surveys	Annotated bibliographies
Other	

None

IV. Methods of Student Evaluation

Tests (how many? how often? what type?)

Quizzes

Oral Presentations

Written Papers

Laboratory Activities

Clinical Experiences

- A. Practical Exams (2-5 per semester)
- B. Variable number of quizzes (announced and/or unannounced)
- C. Selected written lab assignments & reports

V. **Assessment of Outcomes**

**What measurements will be used to demonstrate that outcomes have been reached?
(Refers to class as a whole, not individual students.)**

- A. At least 75% of those students completing the lab will earn a grade of 60% or higher.

VI. **Other Information**

What additional information will help to clarify the course?

None