

Date Prepared: August 2, 2001

New Revised
(Check One)

Effective Date: Fall 2001

COURSE OUTLINE

1. COURSE PREFIX and NUMBER: **BIO 01** CREDIT HOURS: 4

2. COURSE TITLE: **Foundations of Biology**

3. PREREQUISITES: None

4. COURSE DESCRIPTION: Develops a basic understanding of plant and animal form, function, and relationships. Prepares students who have a deficiency in high school biology. May be repeated for credit. Lecture 4 hours per week.

5. CONTENT: (Major Headings)

- a. What is Biology
- b. Chemistry
- c. Cell Biology
- d. Genetics
- e. Ecology
- f. Evolution
- g. Taxonomy

6. GENERAL COURSE OBJECTIVES:

Upon successful completion of the course, the student will be able to:

- a. Expose students to scientific method.
- b. Give students "hands-on" laboratory experience.
- c. Provide students with vocabulary and principles required for further biological study.