



BIOL 1010 – Biology for Non-Majors

Credits: 4

Section: _____

Term: _____

Location & Meeting Time

Classroom location:

Class Meeting Schedule:

Contact Information

Instructor:

Phone: (423) 439-

Office:

Email:

Instructor Availability

Office Hours:

Course Description & Materials

Co-requisites: BIOL 1010 Lecture students must also register for BIOL 1011 Laboratory.

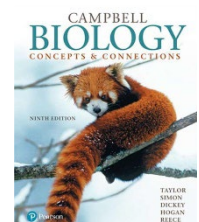
A biology course with laboratory experience in general education. The role of biology in today's society, with an emphasis on current issues in ecology, evolution, and behavior. Three (3) hours of lecture and two hours of lab. A common grade will be given in BIOL 1010/11

Required Materials

The textbook (required) Cover images shown at right

Taylor/Simon/Dickey/Hogan/Reece, *Campbell Biology*:

Concepts and Connections, 8th edition or 9th edition **preferred** (6e and 7e versions are also acceptable but may lack newer information and have bigger differences in page numbers).



Our ETSU bookstore currently carries the 8th edition(?). **All versions are also available at greatly discounted prices from various used booksellers online.**

Campbell Biology: Concepts & Connections (9th Edition) 2017. Taylor, M.R., Simon, E.J., Dickey, J.L., Hogan, K.A., and Reece, J.B. Publisher: Pearson; ISBN-10: 0134240685; ISBN-13: 978-0134240688

Course Overview

Course Purpose and Objectives

This is the first course in a two-course series (although, you may take them in either order) designed to educate students regarding the foundational principles of Biology as it relates to current issues in today's

society: human and environmental health, recreation, evolution, and an overall appreciation for ecological conservation efforts. Students will read about current issues, participate in group discussion boards, view power point lectures, and will also participate in home-based hands-on laboratory exercises to increase the breadth of their experiences with each of the major concepts presented

Expected Learning Outcomes

Upon completion of the course, students will be able to:

1. Understand and discuss key principles associated with the ability of living organisms to grow, reproduce, obtain energy, and maintain health, as well as important interactions among organisms and human impacts on ecosystems and the biosphere.
2. Apply these concepts to their own lives and decisions regarding their own health.

Major Course Topics (subject to change)

Concepts introduced in this course will include:

- The scientific method
- Major lineages of life
- Characteristics of major groups of organisms
- Principles of evolution
- Population genetics
- Phylogenetics
- Biomes and ecosystems
- Population and community ecology

Course Policies

Attendance

Assignment and Grading

Grading: Your final grade for BIOL 1010 (lecture) and 1011 (lab) are combined into one letter grade representing both courses. This is calculated as 75% lecture grade and 25% lab grade. The lecture component will be scored on a total of 300 possible points, and the lab grade will be scored on a total of 100 points. Your final grade will be taken from the percentage of the combined total score, that is, as a percentage on 400 total points.

The grading scale is given below.

A 92-100%

A- 90-91.9%

B+ 88-89.9%

B 82-87.9%
B- 80-81.9%
C+ 78-79.9%
C 72-77.9%
C- 68-71.9%
D 58-67.9%
F <58%

Policy on Cheating: Each student must work independently on all exams and any assignments (lab reports). Cheating and/or plagiarizing will result in a score of "0" points for the exam/assignment and may result in an "F" grade for the course. An exam score of "0" due to cheating **cannot** be dropped as a low score - it will be included in the student's final lecture exam grade score. See ETSU policy on Academic Misconduct: <https://www.etsu.edu/students/conduct/>

Special student needs: Students with special circumstances such as disabilities or extraordinary family or health situations should *contact the instructor at the start of the semester* to arrange necessary accommodations. We will work with ETSU Disability Services to arrange for appropriate accommodations. If you feel you have special needs regarding classroom and testing situations you may contact ETSU Disability Services yourself. Disability Services is located in the D.P. Culp Center, Room 326, telephone 439-8346. <http://www.etsu.edu/students/disable/>

Tutoring: The ETSU Center for Academic Achievement (CFAA) offers individual and group tutoring for Biology students. To arrange for online tutoring help, visit their web site: <http://www.etsu.edu/uged/cfaa/learning/>. The CFAA is normally located in the Sherrod Library (main floor, just beyond the Brueghel's Bagel shop).

Other

Syllabus Attachment Information: The University's approved Syllabus Attachment Information page provides information about important University and Academic Policies that all students should know. [Syllabus Attachment Link- Click Here](#)