



Course Syllabus Biology I: BIO 170

Faculty Name:	
Course Information:	BIOLOGY I: BIO 170
Course Section, Term and Year:	
Course Meeting Times & Location:	

Contact:

Phone Number:	
Office Location:	
Email address:	
Enter days/time you are available to meet with students.	

Netiquette

Respect the diversity of opinions among the instructor and classmates and engage with them in a courteous, respectful, and professional manner. All posts and classroom communication must be conducted in accordance with the student code of conduct. Think before you push the Send button. Did you say just what you meant? How will the person on the other end interpret the words?

Communication:

Faculty Communication with Students:

Discuss how faculty will contact students.

Student Communication with Faculty:

Discuss how students will contact faculty when they have questions or concerns.

Course Description:

BIO 170 General Biology I: Organismal Biology

3-3-4

This course serves as an introduction to animals, plants, and fungi. Students will study the major groups of organisms, focusing on type organisms in each group. An emphasis is placed on organs, organ systems, organisms, and ecosystems, all in the context of evolution. Topics include development, morphology, physiology, behavior, ecology, biodiversity, biosystematics and mechanisms of evolution. *General Education: N.*

Course Learning Outcomes:

Student will be able to:

- Explain and apply understanding of the form and physiological function of multicellular organisms (plants, fungi and animals).
- Explain and apply understanding of the principles of evolution.
- Explain and apply the understanding of the recognition of and phylogenetic relationships among major groups of organisms (phyla).
- Demonstrate an understanding of the pieces and application of the generally accepted Scientific Method.
- Demonstrate the ability to do research and document information sources.

SUNY General Education Learning Outcomes: – Natural Sciences

Students will demonstrate the following:

- Understanding of the methods scientists use to explore natural phenomena, including observation, hypothesis development, measurement and data collection, experimentation, evaluation of evidence, and employment of mathematical analysis.
- Application of scientific data, concepts, and models in one of the natural sciences.

Program Learning Outcomes: – Health Science (AS)

- Demonstrate the safe and proper use of scientific instrumentation, measuring devices, chemical reagents, media, and/or tools of science in a laboratory setting.
- Demonstrate communication, problem solving and critical thinking skills pertinent in the healthcare sector.
- Understand and utilize scientific method.
- Promote health and wellness among members of the college and/or local communities through service learning.

Course Resources:

Textbook:	Enter title, edition, author, ISBN for required text.
Materials:	Enter all additional required materials and tools needed to complete course here.
Access:	List access codes needed for websites or other software. .

Course Policies:

Click here to describe how students will participate in your class. Include policies regarding missed exams, makeup exams, extra credit assignments, late assignments, missed assignments, etc.

Course Delivery:

Course Content:

Lecture Format:

Student Expectations specific to this course:

Course Outline and Schedule

Grading Method:

Click here to enter a clear explanation of how students will be evaluated, including a description of course assessments and a statement of the assessment process and measurements. Include weight/percentages for quizzes, exams, papers, projects, homework, attendance, participation, etc.

Grading Scale:

A	Click here to enter point system.
A-	Click here to enter point system.
B+	Click here to enter point system.
B	Click here to enter point system.
B-	Click here to enter point system.
C+	Click here to enter point system.
C	Click here to enter point system.
D	Click here to enter point system.
F	Click here to enter point system.