

Biology 1610, General Biology 1

Fall Semester, 2017, Tooele Regional Campus



Class Times: Lecture – Monday 5:15-7:45, Science building room 109
Lab – Wednesday 5:00- 7:45, room 205

Instructor: Dr. Joseph Wilson
Office: Science building room 234
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Texts: Campbell Biology (10th edition) (Campbel et al.)

Course Fees: \$50 per student. These fees are used for laboratory supplies and equipment.

Course Description: Biology 1610 covers biochemistry, cell biology, genetics, and physiology and is the first course in a two semester core biology sequence that covers topics essential to advanced study in biology and related fields. This course series is the pre-requisite for nearly all other biology classes.

Course Objectives/Outcomes:

- Gain factual knowledge (terminology, classifications, methods, trends)
- Learn fundamental principles, generalizations, or theories
- Learn to apply course materials (to improve rational thinking, problem solving and decision making)
- Learn to analyze and critically evaluate ideas, arguments, and points of view

Grading: Your grade will be based 3 regular exams, a final exam, the laboratory, and 5 critical thinking assignments and one primary scientific literature assignment. Your final letter grade for the course will be determined by the total points you accumulate during the semester according to the following scale.

Exams, labs & assignments	Possible points
Exam 1	50
Exam 2	50
Exam 3	50
Final exam	100
Assignments	50
Total	300

Grading Scale: A (100-93%), A- (92-90%), B+ (89–87), B (86–83), B- (82–80), C+ (79–77), C (76–73), C- (72–70), D+ (69–67), D (66–63), D- (62–60), F (below 60)

Exams will consist of multiple-choice and short answer questions. Assignments will be discussed in detail during class and will consist of various critical thinking exercises, presentations, and worksheets. These assignments are done in class so if you miss class you may miss the assignment. The scientific literature assignment is a brief report that will be discussed in more detail in class.

Assignments will partly be in class group activities. Because these are done in class they can not be

made up. In addition to the group activities we will have 6 assignments that require you to watch a video online and write a short response to the video. These will be turned in via canvas.

How to do well in this course: First, come to class and *participate*. Second, ask questions both in class and in lab. Finally, read the book. Due to the schedule we have here in Tooele we will be unable to go into as much detail as the course in Logan, therefore you will need to read the book to make sure you get all the information you will need to succeed.

Academic dishonesty: Academic dishonesty (cheating, plagiarism or other dishonest behavior related to grades and performance) is foul and will not be tolerated under any circumstances.

Disability resources: USU welcomes students with disabilities. If you have, or suspect you may have, a physical, mental health, or learning disability that may require accommodations in this course, please contact the Disability Resource Center (DRC) as early in the semester as possible (University Inn # 101, 435-797-2444, drc@usu.edu). All disability related accommodations must be approved by the DRC. Once approved, the DRC will coordinate with faculty to provide accommodations.