

## Biology 1010, Biology and the Citizen 2021, Tooele Regional Campus



**Class Times:** Lecture – Monday 8:00-10:30, Tooele Science Building room 105?

**Instructor:** Dr. Joseph Wilson  
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**Text:** Campbell Essential Biology 5th edition (Simon, Dickey, Reece) (older editions will probably be sufficient but might be a bit more challenging to follow along)

### In person or online:

Due to the unique circumstances this year this class is a Zoom-based lecture course. In the past I have tried to do this class as a mix of in person, interactive broadcast, and zoom and I have found that if zoom is incorporated into the class, it works best if we are all on zoom. I value discussion and group work and these methods work best when the entire class is on zoom.

This is not a traditional online class, what I mean by that is you will be expected to be present each Monday night on zoom. We do various in-class assignments and activities that you need to be present for. If you have any questions, message me through canvas.

**Course Description:** Biology 1010 covers the principles and methods of biology and how they impact our daily lives. The class will be mainly lecture with some group activities mixed in.

### 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 primarily be based 10 assignments, 3 regular exams, and a final exam. Other aspects of your grade include participation points that are usually awarded through participating in in-class assignments and group activities. 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 | Total | 550 |
|--------------------------------------|-----------------|-------|-----|
| Exam 1                               | 100             |       |     |
| Exam 2                               | 100             |       |     |
| Exam 3                               | 100             |       |     |
| Final exam                           | 150             |       |     |
| Assignments and participation points | 100             |       |     |

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 and will be taken online. Exams will be open book but there will be a time limit (2 hours). Assignments will be discussed in more detail during class and will consist of various critical thinking exercises and most will be done online.

If you have to miss an exam you must let me know before the exam is given so I can send the test to the testing center. If you don't tell me until after the exam you will still be able to take the exam but every question will only count **50%** of the original value. So, if you get all of them correct, you will still end up with a 50/100 on the exam.

**Assignments** will be a mixture of in class group activities (worth a total of 100 points) and we will have several assignments that require you to watch a video or listen to a podcast online and write a short response to the video. Each of these online assignments will be worth 10 points and will be turned in via canvas.

**Study Guides:** A study guide will be posted on Canvas each week a few days before class. You will need to fill out these study guides in order to prepare you for class. Due to our schedule here at the regional campuses (once a week lecture) we cannot cover all the material in the book. The study guides are designed to allow you to gain some of the information we will be covering that week in class. Most test questions come from the study guides, so it is important for you to fill them out completely. Study guides will never be turned in to me, they are simply for your benefit and you will get out of them as much as you put into them.

**How to do well in this course:** First, come to class and *participate*. Second, ask questions. Finally, read the book. Due to the schedule we have here in at the regional campuses 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:** Students with physical, sensory, emotional or medical impairments may be eligible for reasonable accommodations in accordance with the American with Disabilities Act and Section 504 of the Rehabilitation Act of 1973. All accommodations are coordinated through the Disability Resource Center (DRC) in Logan (1-800-259-2966). Please contact the DRC as early as possible if assistance is necessary.