

Valdosta State University, BIOL 1107K, Sections A H

(4 Credit Hours)

Principles of Biology I – Spring 2019

Syllabus & Course Policies

Lecture: BC 1011 – MWF, 9:00-9:50 am

Lecture Instructor: Dr. Emily Cantonwine (Dr. Cantonwine)

Office: BC 2031, Phone: (229) 333-5337

Email: egcantonwine@valdosta.edu

Office hours: 10:30-11:30am & 1:30-5:00pm on the day homework is due (M or W), or by appointment.

Graduate Assistants (GAs): TBA – Check BV announcements

Embedded Tutor: TBA – Check BV announcements

Lab Sections: BC 1083

Assessments:

Lecture (75% of final grade; 750 points)

| <i>Assessments</i> | <i><u>Points</u></i> | <i><u>SCALE</u></i> Unit |
|----------------------------|--------------------------|--------------------------|
| ○ Unit Exams (5) | 100 each | A 90.0% |
| ○ Clicker + Homework Grade | 50 + 50 (100 total) | B 80.0% |
| ○ Final Exam (optional) | replacement points (100) | C 70.0% |
| ○ <u>Procedure Grade</u> | <u>50</u> | D 60.0% |
| TOTAL POSSIBLE POINTS | 650 | F 59.99% |
| Extra Credit | 30 | |

Lab (25% of final grade) - Refer to your lab syllabus for assessment details

Explanation of Lecture Assessments:

Unit Exams. Students will have 50 minutes to complete each exam. If you wake up late on exam day, come to the classroom. As long as this happens only once, you can comp

Extra Credit. There will be 30 possible extra credit points. The extra credit quizzes will be posted to the Assessment section of Blazeview. Check BV announcements to see when the quizzes open and close. If cheating is suspected, the extra credit opportunity will be taken away from the entire class. NO ANSWER SHARING!

Monitoring and computing your grade. Exam, clicker, & homework grades will be posted to the combined Blazeview page (**Principles of Biology I Section X01 SPRING 2019 CO**). Your grade can be computed at any time using the following equation (see me during office hours if you would like help with this calculation):

$$\text{Final Grade} = [(\text{total points earned}/\text{total possible points}) \times 75] + (\text{average \% lab grade} \times 0.25)]$$

Course Policies and Procedures for Lecture:

Attendance/Tardy Policy. Attendance is not required in lecture, but it is expected, and you must be present to earn a clicker grade each day. You will be automatically counted present if you are sitting in your assigned seat at the beginning of class. If you arrive late, please gently close the door behind you (they make a lot of noise!).

Assigned seats. Assigned seats will be used (beginning the second week of class) to keep track of student attendance for the purpose of monitoring attendance and clicker usage. *You are welcome to change seats (temporarily or permanently) during the semester, but it is your responsibility to inform the graduate assistant of this change prior to making the move; otherwise, your pooled clicker grade may be dropped if you are counted absent but your clicker is detected!*

Expectations of conduct. I expect students to pay attention to the lecture and take notes. Students should not be disruptive to the instructor or other students. Only drinks and snacks that can be consumed quietly are acceptable (breakfast is not acceptable!). Cell phones and other smart devices are prohibited once class begins. Laptops are not permitted without prior approval.

Office hours and emails. The best time to come to my office is during office hours. Appointments are not necessary during office hours, just show up. If my office hours do not work for you, please just come by at your convenience to see if I am free to meet. Unless I am getting ready for a class or meeting with a research student, I can usually find time for you. But if not, we will set-up an appointment.

Concealed Carry: Firearms are not permitted in BIOL 1107 lecture because the course includes some students who are still in high school.

Title IX Statement: Valdosta State University (VSU) is committed to creating a diverse and inclusive work and learning environment free from discrimination and harassment. VSU is dedicated to creating an environment where all campus community members feel valued, respected, and included. Valdosta State University prohibits discrimination on the basis of race, color, ethnicity, national origin, sex (including pregnancy status, sexual harassment and sexual violence), sexual orientation, gender identity, religion, age, national origin, disability, genetic information, or veteran status, in the University's programs and activities as required by applicable laws and regulations such as Title IX. The individual designated with responsibility for coordination of compliance efforts and receipt of inquiries concerning nondiscrimination policies is the University's Title IX Coordinator:

Tentative Lecture Schedule, BIOL 1107K, Sections A-H, Spring 2019

| Week | Subject | Chapters | Homework |
|----------|--|--------------------------------------|---|
| Jan 14 | Syllabus Living organisms are similar Evolution | Introduction 1.1 Evolution | |
| Jan 21 | <i>MLK Jr. Day – No Class</i> Investigating life through experiments Cellular structure & function | No Class 1.2 5.1 5.3 | HW Ch.1 (due Wednesday, 11:59pm) |
| Jan 28 | Cellular structure & function Extracellular structure & evolution of eukaryotic cells Cellular membrane structure & function | 5.3 5.4 5.5 6.1 | HW Ch.5 (due Monday, 11:59pm) |
| Feb 4 | EXAM 1 (Monday, Feb 4 Chapters 1 & 5) Basic chemistry Macromolecule intro & lipids | EXAM 1 2.1 2.3 3.1 & 3.4 | HW Ch. 2 (due Wednesday, 11:59pm) |
| Feb 11 | Proteins Carbohydrates Cell membrane adhesion & recognition, Passive transport | 3.2 3.3 6.2 6.3 | HW Ch.3 (due Monday, 11:59pm) |
| Feb 18 | Active transport pH & review EXAM 2 (Friday, Feb 23, Chapters 2.1 2.4, 3 & 6) | 6.4 6.5 2.4 EXAM 2 | HW Ch. 6 (due Monday, 11:59pm) |
| Feb 25 | Energy, Enzymes, & Metabolism Enzymes, & Metabolism cont. Glycolysis & Krebs cycle | 8.1 8.3 8.2 8.5 9.1 9.2 | HW Ch. 8 (due Monday, 11:59pm) |
| March 4 | Cellular respiration cont. Cellular respiration cont. Photosynthesis part 1 | 9.3 9.5 9.1 9.5 10.1 10.3 | HW Ch. 9 (due Monday, 11:59pm) |
| March 11 | Photosynthesis part 2 Catch up or Review Ch. 8 10 EXAM 3 (Friday, March 15, Ch. 8 10) | 10.5 Catch up or Review Exam 3 | HW Ch. 10 (due Monday, 11:59pm) |

March 18 &