BIOL 1107.RZ1
General Biology II
Fall 2019
Instructor: Lara Gott, Dual Credit instructor

Office Location: Room 205
Office hours: M-F 2:50 pm – 4:00 pm
Co-requisites: BIOL 1307

Office phone: 325-453-4555
Email: lara.gott@rlisd.net or lgott@angelo.edu

Class Meeting Times/Dates:
Meeting Dates: August 19th – December 13th
Lecture M-F 2:00 p.m. – 2:46 p.m.

Course description:
Laboratory designed to reinforce lecture topics of Biology 1307 and develop analytical skills essential to the practice of biology. The lab will be an introduction to the unifying principles of biology with emphasis on biological diversity, evolution, and ecology.

Instructional Materials

Course Requirements - College 1307 lecture
Lab grade will include quizzes, lab reports, pre-lab assignments, lab participation, and lab work. An average of these assignments will determine your grade in lab.

Grading for High School
Lab 1107 grade will be 25% of total grade for the lecture. Six Weeks grade will be determined by total points divided by total number of points possible at that time.
Ten points will be added to your final grade for GPA purposes. Report cards will not show this.

Class Assessment/Grading
89.5% - 100% = A
79.5% - 89% = B
69.5% - 79% = C
59.5% - 69% = D
< 59% = F

Class work / Homework
Pre-lab material will be worked on in class Mondays and Tuesdays. Labs will begin on Wednesdays. Pre-lab work and reading assignments should be completed before the beginning of the Wednesday lab period. No late work will be accepted. If you are absent the day an assignment is due, it will be due as soon as you return to class.
There will be no make-up quizzes. If you are absent on the day of a quiz, you will not be able to take that quiz. Make sure you inform the instructor of school trips so quiz dates can be worked out.

Last day to drop this course: **October 31, 2019**

**Confidentiality in Courses:** Any personal information shared by students in college-level courses, either written or verbal, face-to-face or online, is not considered confidential nor does it fall under FERPA guidelines. Students should refrain from sharing information they do not wish to make public knowledge. The instructor reserves the right to report pertinent information to the appropriate administration if s/he feels that the student may be a danger to him/herself or others.

**Learning objectives can be found at the following website.**

https://docs.google.com/a/angelo.edu/document/d/1mOCT8gWhZxhUZ4PPbXXwAbpElBsWanxGuzBoByaEcF8/pub

The lab will follow the basic concepts in the learning outcomes.

**Course Policies:**
- Students that are coming from other dual credit classes should arrive as soon as possible. Other students should work on class assignments until all students are in class.
- Class members are expected to remain in class until dismissed by the instructor.
- Class members who leave class during a quiz will be expected to turn in the quiz regardless of whether the quiz has been completed.
- Reading assignments and other pre-lab assignments are expected to be completed before the start of class.
- At all times cell phones and other electronic equipment will remain out of sight and turned off unless instructed to use it. **If your cell phone or electronic device interrupts class, the device will be confiscated and points will be deducted from your grade.**

**Student Disability Services**

ASU is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments of 2008 (ADAAA), and subsequent legislation.
The Office of Student Affairs is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability, and it is the student’s responsibility to initiate such a request by contacting:

Ms. Dallas A. Swafford  
Director of Student Disability Services  
• 325-942-2047  
• dallas.swafford@angelo.edu  
• Houston Harte University Center

**Title IX**

Angelo State University is committed to providing and strengthening an educational, working, and living environment where students, faculty, staff, and visitors are free from sex discrimination of any kind. In accordance with Title VII, Title IX, the Violence Against Women Act (VAWA), the Campus Sexual Violence Elimination Act (SaVE), and other federal and state laws, the University prohibits discrimination based on sex, which includes pregnancy, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination and unwelcome behavior of a sexual nature. The term includes sexual harassment, nonconsensual sexual contact, nonconsensual sexual intercourse, sexual assault, sexual exploitation, stalking, public indecency, interpersonal violence (domestic violence or dating violence), sexual violence, and any other misconduct based on sex.

You are encouraged to report any incidents involving sexual misconduct to the Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator, Michelle Boone, J.D. You may submit reports in the following manner:

- Online: [www.angelo.edu/incident-form](http://www.angelo.edu/incident-form)  
- Face to Face: Mayer Administration Building, Room 210  
- Phone: 325-942-2022  
- Email: michelle.boone@angelo.edu

Note, as a faculty member at Angelo State, I am a mandatory reporter and must report incidents involving sexual misconduct to the Title IX Coordinator. Should you wish to speak to someone in confidence about an issue, you may contact the University Counseling Center (325-942-2371), the 24-Hour Crisis Helpline (325-486-6345), or the University Health Clinic (325-942-2171).

For more information about resources related to sexual misconduct, Title IX, or Angelo State’s policy please visit: [www.angelo.edu/title-ix](http://www.angelo.edu/title-ix)

**Student Absence for Observance of Religious Holy Days**

A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. See ASU Operating Policy 10.19 Student Absence for Observance of Religious Holy Day for more information.
Incomplete Grade Policy

It is policy that incomplete grades be reserved for student illness or personal misfortune. Please contact faculty if you have serious illness or a personal misfortune that would keep you from completing course work. Documentation may be required. See ASU Operating Policy 10.11 Grading Procedures for more information.

Student Conduct Policies

Academic Integrity

Students are expected to maintain complete honesty and integrity in all work. Any student found guilty of any form of dishonesty in academic work is subject to disciplinary action and possible expulsion from ASU.

Academic Integrity

Plagiarism

Plagiarism is a serious topic covered in ASU’s Academic Integrity policy in the Student Handbook. Plagiarism is the action or practice of taking someone else’s work, idea, etc., and passing it off as one’s own. Plagiarism is literary theft.

In your discussions and/or your papers, it is unacceptable to copy word-for-word without quotation marks and the source of the quotation. It is expected that you will summarize or paraphrase ideas giving appropriate credit to the source both in the body of your paper and the reference list. Papers are subject to be evaluated for originality via Turnitin. Resources to help you understand this policy better are available at the ASU Writing Center.

Copyright Policy

Students officially enrolled in this course should make only one printed copy of the given articles and/or chapters. You are expressly prohibited from distributing or reproducing any portion of course readings in printed or electronic form without written permission from the copyright holders or publishers.

General Policies Related to This Course

All students are required to follow the policies and procedures presented in these documents:

- Angelo State University Student Handbook
- Angelo State University Catalog
<table>
<thead>
<tr>
<th>Week/date</th>
<th>Due before lab</th>
<th>Lab day</th>
<th>Due at end of week</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Aug 26-30</td>
<td>Biosafety training, must do 6 conversion problems for each section pp. 255-266</td>
<td>Intro to lab, Winogradsky Columns, CER Activity</td>
<td>CER activity-Red jelly beans</td>
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<tr>
<td>2 Sept 2-6</td>
<td>Prelab activity “Surface Area to Volume Ratio” tutorial SA/V Pre-lab activity (LM), *View the various Excel help files in the “Surface Area/Volume Pre-lab Folder *Graphing Activity (Connect)</td>
<td>Prelab quiz Surface Area to Volume Ratio Lab</td>
<td>SA/V lab report Conversion problems pp. 255-266</td>
</tr>
<tr>
<td>3 Sept 9-13</td>
<td>Classifying Dragons</td>
<td>Classification- Introduction to dichotomous keys</td>
<td>Graded activities</td>
</tr>
<tr>
<td>4 Sept 16-20</td>
<td>Prelab activities-Biointeractive Shells Click and learn</td>
<td>Quiz Building phylogenies</td>
<td>Classification lab report</td>
</tr>
<tr>
<td>5 Sept 23-27</td>
<td>*HHMI Geological Time Scale click and learn *Scaling prelab activities</td>
<td>Quiz - Scale lab. Earth’s timeline What Leewenhoek saw</td>
<td>Scale lab report Thurs. 1st monthly Winogradsky obersvation (weekly obs. Check)</td>
</tr>
<tr>
<td>6 Sept 30 – Oct 4</td>
<td>*Virtual Microscope tutorial *Read the “How to use a Microscope”section in your lab manual</td>
<td>Quiz Cell diversity lab. How to use a microscope.</td>
<td>Cell Diversity week 1 Activity</td>
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<tr>
<td>7 Oct 7 - 11</td>
<td>No lab this week</td>
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<tr>
<td>8 Oct 14 - 18</td>
<td>Cells Activity (Connect)</td>
<td>Cell Diversity 2 Distinguishing among cells of different groups.</td>
<td>Cell Diversity week 2 Activity NOTE: One report grade for both activities.</td>
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<tr>
<td>9 Oct 21 - 25</td>
<td>HWE Prelab activity Biology Place – The Hardy Weinberg Law of equilibrium</td>
<td>Hardy Weinberg Equilibrium *plant Wisconsin Fast Plants (WFP)</td>
<td>X^2 activity Thurs. 2nd monthly Winogradsky observations</td>
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<tr>
<td>10 Oct 28 – Nov 1</td>
<td>HWE continued *observe plant</td>
<td>HWE lab report HWE statistics homework assigned</td>
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<tr>
<td>11 Nov 4 - 8</td>
<td>Pre-lab: Collecting samples Biodiversity studies</td>
<td>Quiz Species diversity and conservation</td>
<td>Species diversity report</td>
</tr>
<tr>
<td>12 Nov 11 - 15</td>
<td>Trophic Cascades Activity Biointeractive click and learn Creating chains and webs</td>
<td>Building Ecological pyramids Building Ecological pyramids report</td>
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<tr>
<td>13 Nov 18 - 22</td>
<td>Read about succession in textbook Succession pre-lab activity</td>
<td>Succession Final observation of Winogradsky column</td>
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<tr>
<td>14 Nov 25</td>
<td>No labs</td>
<td>Thanksgiving</td>
<td></td>
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<tr>
<td>15 Dec 2 - 6</td>
<td>None</td>
<td>Succession</td>
<td>Succession report Final Weekly and monthly observations</td>
</tr>
<tr>
<td>16 Dec 9-13</td>
<td>FINALS No Labs</td>
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<td></td>
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</tbody>
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*Schedule is tentative and may be changed to meet the needs of the students.