

Burnet High School/Angelo State University
Dual Credit Biology: BIOL 1306/1106 & BIOL 1307/1107
2021-2022

General

Teacher: Jeannette Gegogaine

Room: B120

Conference: 7th Period (B Days 12:05-1:35)

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Email (preferred contact): jgegogaine@burnetcisd.net

Objectives and Nature of the Course

This course introduces the integration between structure and function of biological organization. You will be asked to use processes of science to apply principles of biological change, biological chemistry, energetics and homeostasis, cell structure and function, gene expression, and patterns of inheritance in living systems. You will also be asked to use processes of science to apply principles of genetics, diversity, and ecology to living systems. Observation, experimentation, and investigation are emphasized. Biology 1306/1106 & 1307/1107 require a conceptual understanding of the material rather than the simple memorization and regurgitation of facts. This course will challenge you to analyze and apply information, solve problems, and make connections different from the context in which they were learned. These are critical skills in biology. Laboratory exercises are incorporated into each of the topics covered. There will be only one grade reported for the semester which represents both the lecture and lab portions combined.

Textbook

- *Biology, 10th ed.*, Campbell, Neil A.
- A textbook will be checked out to you; you are responsible for this text for the year.

Materials

You will need to bring one of the following items for the classroom:

- full size box of tissues
- nitrile exam gloves (no latex please)

Attendance

You will be required to meet the attendance policies of BHS. You are responsible for all work missed due to absence, regardless of reason. If you are scheduled to be absent from class for a school related activity or otherwise know in advance that you will be absent, you must **make arrangements in advance** to make up what will be missed. Failure to do so could result in receiving a zero for assignments missed. Remember, **it is your responsibility to make arrangements to make up any and all work missed.**

Parent Communication

Please allow 24 hours for any response to email correspondence from the teacher. Thank you for your patience in this matter.

Study Time

Your ultimate success in this or any other course depends upon your level of commitment to study and preparation. It will be assumed by the instructor that you have previously read the appropriate textbook chapter or lab prior to your arrival to class. This will help by opening the door to where you are headed. It will also be assumed that you spend time after class, before the next meeting, in reviewing material previously covered. This will help by allowing you to reflect on where you have been.

This preparation is essential for you to gain a better grasp of the material in a timely manner. Time spent in study and preparation along the way helps to ensure that you more effectively learn the material. It also saves time and wasted effort in 'cramming' at the last minute. Generally, the more comfortable you are with the material prior to taking an exam, the more relaxed you will be and the better you will perform.

Second-chance Learning

This course is a rigorous, college-level course. Second-chance opportunities are not provided on tests or major assignments. Alternative procedures and methods are planned to promote student reflection on their readiness prior to a test or major assignment. For example, students may be provided multiple daily assignments, homework assignments, or quizzes leading up to a test so that students become aware of potential difficulties and have a chance to practice independent demonstration.

Academic Misconduct

Academic misconduct includes cheating, plagiarism, collusion, falsifying academic records, misrepresenting facts, violations of published professional ethics/standards, and any act or attempted act designed to give unfair academic advantage to oneself or another student. All occurrences of academic misconduct are disciplinary matters and will be referred to the appropriate campus administrator and Angelo State. All occurrences of academic misconduct will also result in the grade for the work in question to be assigned a zero.

ASU Policies

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 of disciplinary action and possible expulsion from ASU.

The College of Science and Engineering adheres to the Statement of 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.

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 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.

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.

Student Disability Services is located in the Office of Student Affairs, and is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability. It is the student's responsibility to initiate such a request by contacting an employee of the Office of Student Affairs, in the Houston Harte University Center, Room 112, or contacting the department via email at ADA@angelo.edu. For more information about the application process and requirements, visit the Student Disability Services website at www.angelo.edu/ADA. The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dallas Swafford
Director of Student Disability Services
Office of Student Affairs
325-942-2047
dallas.swafford@angelo.edu
Houston Harte University Center, Room 112

TITLE IX AT ANGELO STATE UNIVERSITY

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. The University prohibits discrimination based on sex, which includes pregnancy, sexual orientation, gender identity, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination including: sexual assault, sex-based discrimination, sexual exploitation, sexual harassment, public indecency, interpersonal violence (domestic violence and/or dating violence), and stalking. As a faculty member, I am a Responsible Employee meaning that I am obligated by law and ASU policy to report any allegations I am notified of to the Office of Title IX Compliance. This is done in order to connect students with resources and options in addressing the allegations reported. As a student, are encouraged to report any incidents of sexual misconduct directly to ASU's Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator. You may do so by contacting:

Michelle Miller, J.D.
Director of Title IX Compliance/Title IX Coordinator
Mayer Administration Building, Room 210
325-942-2022
michelle.miller@angelo.edu
You may also file a report online 24/7.

If you are wishing to speak to someone about an incident in confidence you may contact the University Health Clinic and Counseling Center at 325-942-2173 or the ASU Crisis Helpline at 325-486-6345.

The Office of Title IX Compliance also provides accommodations related to pregnancy (such as communicating with your professors regarding medically necessary absences, modifications required because of pregnancy, etc.). If you are pregnant and need assistance or accommodations, please contact the Office of Title IX Compliance utilizing the information above.

For more information, visit the Title IX website.

Course Outline

1st Grading Period

Ch 2, 3, 4, 5 – Chemistry of Life
Ch 6, 7 – The Cell

2nd Grading Period

Ch 8, 9, 10 – Metabolism and Energy Transformation
Ch 11, 12 – Fundamental Cellular Processes

3rd Grading Period

Ch 13, 17, 20 – Advanced Cellular Processes
Ch 14, 15, 16, 17 – Genetics

Fall Final Exam- December 8

4th Grading Period

Ch 22, 23 – Mechanism of Change

5th Grading Period

Ch 26, 27, 28, 31 – Simple Organisms
Ch 29, 30, 33, 24 – Advanced Organisms

6th Grading Period

Ch 52, 53, 55 - Ecology

Spring Final Exam- TBD

Grading and Assessment

| | BHS grade | ASU grade |
|----------------|-----------|-----------|
| Major 70% | 90 – 100 | A |
| Daily/Quiz 30% | 80 – 89 | B |
| | 70 – 79 | C |
| | 60 – 69 | D |
| | 0 – 59 | F |

- Angelo State University credit is awarded upon completion of each semester.
- There will be no extra credit offered in this course.
- Late work will not be accepted.
- There will be a comprehensive final exam each semester which is not eligible for exemption.

Keep this at the front of your DC Biology section of your binder. Complete the Syllabus acknowledgement in Google Classroom to show that you and a parent/guardian have read the expectations for this class.