General
Teacher: Bryan Barnett  Room: B108
Conference: 1st period
Phone: 756-6193 Ext. 2470
Email (preferred contact): bbarnett@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.
You will be provided with your own unique online access to the textbook. Access instructions can be found on Google Classroom
Should you need a textbook for use at home, please contact Mr Carmichael at ccarmichael@burnetcisd.net or 756-6193 ext 2430

Materials
You will need to bring one of the following items for the classroom: Hand sanitizer such as Purell or GermX; 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.
Grading and Assessment

<table>
<thead>
<tr>
<th></th>
<th>BHS grade</th>
<th>ASU grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major</td>
<td>70%</td>
<td></td>
</tr>
<tr>
<td>Daily/Quiz</td>
<td>30%</td>
<td></td>
</tr>
</tbody>
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| 90 – 100       | A         |
| 80 – 89        | B         |
| 70 – 79        | C         |
| 60 – 69        | D         |
| 0 – 59         | F         |

Angelo State University credit is awarded upon completion of each semester. You will receive one grade for the lecture portion and one for the lab portion for a total of four hours credit 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.

Cell Phones

Cell phones and other electronic devices will be allowed in the classroom at the discretion of the teacher and for academic use only. All other use will result in the device being taken up and turned in to the assistant principal’s office according the policies stated in the student code of conduct. Air buds or headphones will not be permitted.

Parent Communication

Please allow 24 hours for any response to email correspondence from the teacher. Understandably, parents/guardians are often anxious to speak with a teacher about their child’s progress in a class, and therefore might expect an immediate response to email correspondence about their child. However, please keep in mind faculty members are busy instructing students throughout the day, and it is likely any response to email correspondence about your child’s progress in class may not always occur as quickly as the parent would like. 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.
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.

Course Outline

1st 6 weeks
- Ch 2, 3, 4, 5 – Chemistry of Life
- Ch 6, 7 – The Cell

2nd 6 weeks
- Ch 8, 9, 10 – Metabolism and Energy Transformation
- Ch 11, 12 – Fundamental Cellular Processes

3rd 6 weeks
- Ch 13, 17, 20 – Advanced Cellular Processes
- Ch 14, 15, 16, 17 – Genetics

Fall Final Exam

4th 6 weeks
- Ch 22, 23 – Mechanism of Change

5th 6 weeks
- Ch 26, 27, 28, 31 – Simple Organisms
- Ch 29, 30, 33, 24 – Advanced Organisms

6th 6 weeks
- Ch 52, 53, 55 - Ecology

Spring Final Exam
I acknowledge that I have read and understand the procedures set forth for this course.

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Course Outline

Course ___Dual Credit Biology___

Student Name (printed) ________________________________

Student Signature ___________________________ Date _____________

Parent Signature ___________________________ Date _____________
Syllabus Statements

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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 Statement

Angelo State University is committed to the safety and security of all students. If you or someone you
know experience sexual harassment, sexual assault, domestic or dating violence, stalking, or
discrimination, you may contact ASU’s Title IX Coordinator:

  Michelle Nicole Boone, J.D.
  Director of Title IX Compliance
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 of disciplinary action and possible expulsion from ASU.

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