

BIOLOGY 1308.040

HUMAN BIOLOGY



Dr. Michael Dixon

Michael.dixon@angelo.edu
325-486-6636
Cavness 101A

Office Hours: Monday 11 – 12, Tuesday 9 – 11, Wednesday 11 – 12, Thursday 9 – 11.

Course Information

Course Description

An introductory owner's manual to the human body for nonbiology majors. Includes fundamentals of human anatomy and the functions of the major systems of the body, contemporary health issues, human heredity, and human evolution.

Prerequisite and Co-requisite Courses

Co-registration in Biology 1108 is suggested.

Prerequisite Skills

Accessing Internet websites, using ASU Library resources, and proficiency with Microsoft Word and/or PowerPoint are expectations of BIOL 1308.

Student Learning Outcomes

Upon completion of this course, students will be able to:

The objective of the study of a natural sciences component of a core curriculum is to focus on describing, explaining, and predicting natural phenomena using the scientific method. Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

The SLO's for this course and the associated activities include:

- Critical Thinking
 - (CT1) Students will gather, analyze, interpret and evaluate data.
- Communication
 - (CS1) Students will communicate information via written means on lab activities and projects.
 - Students will conduct lab experiments and communicate their findings in writing to each other and their instructor
- Empirical & Quantitative Skills
 - (EQS1) Students will collect and analyze quantitative data.
 - Students will take measurements as part of a lab experiment. They will analyze their data and generate conclusions.
 - (EQS2) Students will make observations to test a hypothesis and generate conclusions based on their observations.
 - Students will make directed observations, gather data and then analyze their results
- Teamwork
 - (TW2) Students will work together on applied learning activities and collaborate with one another to support course goals.
 - Students will conduct experiments in the lab in groups, gather data and then analyze their shared results.

Course Delivery

Statement for Synchronous Remote Sessions

To maintain academic quality while accommodating social distancing needs this semester, this course will use a split delivery model that combines face-to-face teaching with remote instruction.

The goal is to provide face-to-face instruction to students who want to return to campus, while also allowing students who may need to learn remotely to participate via virtual class sessions.

How Does It Work?

We will be meeting in-person unless an increase in coronavirus requires us to move online.

When you are not in the physical class, you will attend live remote sessions at the same time as our scheduled course. You will also be expected to complete coursework via [Blackboard](#).¹

Please refer to this [Health and Safety web page](#)² for updated information about campus guidelines as they relate to the COVID-19 pandemic.

Required Texts and Materials

Human Biology by Mader & Windelspecht, 16th Ed.

Purchase of an "eBook" was automatically included on your ASU tuition and fees bill. You may also choose to use a hard copy version of the book.

Technology Requirements

Access to online exams and quizzes will be through Respondus Lockdown Browser and will be video recorded via Respondus Monitor. Respondus requires a desktop computer or laptop (not a Chromebook) and a webcam. For best results, use an ethernet cable to connect to your Internet source instead of relying on Wifi. Refer to the Blackboard course for Respondus installation instructions.

We may use Top Hat.

Communication

I will respond to email and/or telephone messages within 24 hours during working hours Monday through Friday. Weekend messages may not be returned until Monday.

Written communication via email: All private communication will be done exclusively through your ASU email address. Check frequently for announcements and policy changes. In your emails to faculty, include the course name and section number in your subject line.

Virtual communication: Office hours and/or advising may be done with the assistance of the telephone or Collaborate.

Grading

Evaluation and Grades

Course grades will be determined as indicated in the table below.

Assessment	Number of Points
Three Tests	About 260
In-class/online work	About 100
Final Exam	About 150
Total	About 500

Grading System

Course grades will be dependent upon completing course requirements and meeting the student learning outcomes.

The following grading scale is in use for this course:

- A = 90.00-100 points
- B = 80.00-89.99 points
- C = 70.00-79.99 points
- D = 60.00-69.99 points
- F = 0-59.99 points

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](#)³
- [Angelo State University Catalog](#)⁴

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 university's [Statement of Academic Integrity](#).⁵

Accommodations for Students with Disabilities

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](#).⁶ 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

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](#)⁷ 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](#)⁸ for more information.

Title IX at Angelo State University

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.

Students 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 at:

Michelle Boone, J.D.
Director of Title IX Compliance/Title IX Coordinator
Mayer Administration Building, Room 210

325-942-2022

michelle.boone@angelo.edu

You may also file a report online 24/7 at www.angelo.edu/incident-form.

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.

For more information about Title IX in general you may visit www.angelo.edu/title-ix.⁹

Required Use of Masks/Facial Coverings by Students

As a member of the Texas Tech University System, Angelo State University has adopted the mandatory [Facial Covering Policy](#)¹⁰ to ensure a safe and healthy classroom experience. Current research on the COVID-19 virus suggests there is a significant reduction in the potential for transmission of the virus from person to person by wearing a mask/facial covering that covers the nose and mouth areas. Therefore, in compliance with the university policy students in this class are required to wear a mask/facial covering before, during, and after class. Faculty members may also ask you to display your daily screening badge as a prerequisite to enter the classroom. You are also asked to maintain safe distancing practices to the best of your ability. For the safety of everyone, any student not appropriately wearing a mask/facial covering will be asked to leave the classroom immediately. The student will be responsible to make up any missed class content or work. Continued non-compliance with the Texas Tech University System Policy may result in disciplinary action through the Office of Student Conduct.

Modifications to the Syllabus

This syllabus, including grade evaluation and course schedule, is subject to modification. In particular, the COVID-19 pandemic may require significant changes in course delivery and content on potentially short notice.

Course Schedule

Date	Topic or Module	Chapter
Aug 24 – 26	Intro, Science	1
Aug 31 - Sep 2	Science/Chemistry	1, 2
Sep 7 – 9	Chemistry/ Digestion	2, 9
Sep 14	Digestion	9
Sep 16	Test 1	
Sep 21 – 23	Digestion/Circulation	9, 5
Sep 28 – 30	Circulation	5
Oct 5 – 7	Circulation/Blood	5, 6
Oct 12	Blood	6, 7
Oct 14	Test 2	
Oct 19, 21	Respiration	10
Oct 26, 28	Respiration/Urinary	10,11
Nov 2, 4	Urinary/Reproduction	11, 17
Nov 9, 11	Reproduction	17, 18
Nov 16, 18	Reproduction	18, 19
Nov 23	Test 3	
Nov 30, Dec 2	Repro. Ethics/ Review	
Dec 7	Final Exam	10:30 – 12:30

¹ <https://blackboard.angelo.edu/>

² <https://www.angelo.edu/covid-19/returning-to-campus/health-and-safety.php>

³ <https://www.angelo.edu/student-handbook/>

⁴ <https://www.angelo.edu/catalogs/>

⁵ <https://www.angelo.edu/student-handbook/community-policies/academic-integrity.php>

⁶ <https://www.angelo.edu/services/disability-services/>

⁷ <https://www.angelo.edu/content/files/14197-op-1011-grading-procedures>

⁸ <https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of>

⁹ <https://www.angelo.edu/services/title-ix/>

¹⁰ <http://www.texastech.edu/downloads/ttus-policy-face-coverings.pdf>