

Midland College Syllabus

2022 - 2023

BIOL 2402 Lab

Anatomy and Physiology II

4 Semester Credit Hours

(3 Lecture/4 Lab)

Core Curriculum Course

Instructor Information:

Instructor: [Click here to enter text.](#)

Phone: [Click here to enter text.](#)

Office Hours: [Click here to enter text.](#)

Office: [Click here to enter text.](#)

Email: [Click here to enter text.](#)

Notice: Students MUST actively participate by completing an academic assignment required by the instructor by the official census date. Students who do not actively participate in an academically-related activity may be reported as never attended and dropped from the course.

Course Description:

Biology 2402 lecture is the second half of a two semester introduction to human anatomy and physiology. It is designed to produce student proficiency in the following biological systems: endocrine, circulatory, lymphatic, digestive, respiratory, urinary and reproductive. Laboratory work includes dissection of a mammal. Prerequisite: BIOL 2401.

Core Objectives:

This course fulfills four hours of the Life and Physical Science requirement in the Midland College **Core Curriculum**. The Core Curriculum is a set of courses that provide students with a foundation of knowledge, skills and educational experiences that are essential for all learning. For Core Curriculum please visit the [Midland College Catalog](#). As part of the core, this course addresses the following four objectives:

Critical thinking skills –Students will demonstrate critical thinking by analyzing and applying appropriate terminology and knowledge of the interdependence of organ system physiology and anatomy as it pertains to structure and function and the interrelatedness of each in the maintenance of homeostasis.

Communication skills – Students will demonstrate communication skills in written, oral, and visual form within the classroom setting through instructor posed questions, collaborative peer assignments, and exams.

Empirical and Quantitative skills – Students will demonstrate empirical and quantitative skills by analyzing real world examples of applied anatomy and physiology and testing hypotheses utilizing the scientific method through course assignments, exams, and lab activities.

Teamwork – Students will demonstrate teamwork skills by functioning as collaborative and cooperative small groups through the dissection of specimens and/or other lab activities.

Text, References and Supplies:

Computer: Access to a working computer throughout the course with the ability to access the internet and Canvas.

Student Learning Outcomes:

It is expected that the student will acquire detailed knowledge of the major endocrine glands, the cardiovascular system including the events occurring during a cardiac cycle, lymphatic organs, and the organs of the digestive, respiratory, urinary and reproductive systems in terms of structure, function and the interrelatedness of the systems.

Student Contributions, Responsibilities and Class Policies:

It is the student's responsibility to read and understand the official Midland College attendance and withdrawal policies as stated in the college catalog. Students that are tardy, take excessive break time, or leave before completion of the day's exercise (including proper clean-up), may be counted absent. This will be at the discretion of the instructor. Attendance is required. It is the student's responsibility to contact the instructor regarding absences. Students are expected to be present in class and lab on time.

Attendance Policy:

It is the responsibility of the students to know the policies and procedures associated with absences. These policies are set by instructors. Excused absences may include, but are not limited to, illness, severe weather, and death in the family. Instructors will determine whether or not an absence is excused. Please visit the [Midland College Catalog](#)

Withdrawal Policy:

Students who have enrolled in a Texas public institution of higher education as a first-time freshman in fall 2007 or later are permitted to drop no more than six courses during the entire undergraduate career. This limit includes all transfer work taken at a Texas institution of higher education and to second baccalaureate degrees. This statute was enacted by the State of Texas in spring 2007 (Texas Education Code 51.907). Any course that a student drops after Census Day is counted toward the six-course limit if "(1) the student was able to drop the course without receiving a grade or incurring an academic penalty; (2) the student's transcript indicates or will indicate that the student was enrolled in the course; and (3) the student is not dropping the course in order to withdraw from the institution." Please visit the [Midland College Catalog](#)

Scholastic Dishonesty:

Midland College does not tolerate scholastic dishonesty or academic misconduct in any form. Please read the MC Student Handbook on this subject. Please visit the [Midland College Catalog](#)

For safety concerns, students are not allowed to eat or drink in the laboratory, and are expected to follow all safety guidelines as instructed.

Students are strongly encouraged to seek extra help if they are having difficulty with the assigned material.

Evaluation of Students:

The course grade is combined lecture (60%) and lab (40%). At the discretion of the instructor, lecture grades may reflect exams, projects, and other assigned activities

	% of Grade	Grade Range	
Lecture	60	A=90-100	There are NO EXCEPTIONS to this grade range!
Lab	40	B=80-89	
		C=70-79	
		D=60-69	
		F=below 60	

Lab grades will be assessed at the instructors' discretion within the following parameters:

Daily grades (may include, but not limited to attendance, quizzes, or other activities)
0-15%

Assignments (may include, but not limited to homework, projects, or other activities)
0-15%

Exams: 1-6 exams may be given during the semester 45-100%

Final Exam: 0-25%

Exams, which may include a comprehensive final, will be given at the discretion of the instructor. Administration of make-up exams is at the discretion of the instructor.

Course Schedule:

This class meets for 3 lecture hours per week and 4 laboratory hours per week. For a tentative schedule of the class meetings and laboratory meetings, please refer to the schedule distributed to each student of the first class meeting (See Instructor Handout).

Non-Discrimination Statement

Midland College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following individual has been designated to handle inquiries regarding the non-discrimination policies:

Tana Baker

Title IX Coordinator/Compliance Officer

3600 N. Garfield, SSC 131

Midland, Texas 79705

(432) 685-4781

tbaker@midland.edu

For further information on notice of non-discrimination, visit the ED.gov Office of Civil Rights website, or call 1 (800) 421-3481.

Americans with Disabilities Act (ADA) Statement:

Midland College provides services for students with disabilities through Student Services. In order to receive accommodations, students must visit www.midland.edu/accommodation and complete the Application for Accommodation Services located under the Apply for Accommodations tab. Services or accommodations are not automatic, each student must apply and be approved to receive them. All documentation submitted will be reviewed and a "Notice of Accommodations" letter will be sent to instructors outlining any reasonable accommodations.

Continuity of Instruction Statement

In the event that on campus activities are suspended due to extenuating circumstances, such as weather or quarantine, the instructor will continue instruction in a manner that best supports the course content and student engagement. In this event, your instructor will notify students of the change via [Click here to enter text.](#) At that time, they will provide details about how instruction and communication will continue, how academic integrity will be ensured, and what students may expect during the time that on campus activities are suspended. If a student becomes unable to continue class participation due to extenuating circumstances, (e.g., health and safety, loss of power, etc.) the student should contact their instructor and advisor for guidance. Resources are available to students via the SOS program. Information can be found at <https://www.midland.edu/services-resources/student-services/sos.php>.

Grievances or complaints

Concerns should be expressed as soon as possible to allow for early resolution. Midland College encourages students to discuss their concerns with their instructor first. If you feel uncomfortable discussing your situation with your instructor, students should discuss their concerns with the Chair of the appropriate department (Biology Chair – Mr. Tomas Hernandez (432-685-6751), Chemistry Chair – Mr. John Anderson (432-685-6737), Engineering and Physics Chair – Dr. Brian Flowers (432-685-4586), Geology Chair – Mr. Antony Giles (432-685-5580), Kinesiology Chair – Ms. Sheena Thompson (432-685-4579), Math Chair – Dr. Krista Cohlma (432-685-4541) then the Dean of Math and Science – Dr. Miranda Poage (432-685-4561). If a resolution is still not possible, students may proceed with the formal complaint process.

<http://catalog.midland.edu/content.php?catoid=14&navoid=2579#grievances-and-complaints>

Math & Science Division Information:

Division Office: AHSF 124

(432) 685-4561

Division E-Mail: mns@midland.edu

Department Chair: Mr. Tomas Hernandez

(432) 685-6751

Dean: Dr. Miranda Poage

Secretary: Sarah Anderson

Clerk: Liliana Orcutt

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