

Midland College Syllabus

2020 - 2021

BIOL 2402 Lecture and Lab -Hybrid

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. Please visit the [Midland College Catalog](#) for any questions about the core. 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 via course assignments and exams.

Teamwork – Students will demonstrate teamwork skills by functioning as collaborative and cooperative small groups to answer instructor posed questions and/or complete assignments.

Text, References and Supplies:

Lecture Textbook: Martini and Nath, Fundamentals of Anatomy & Physiology – Text Only, 10th ed., Pearson/Benjamin Cummings. ISBN: 978-0-321-90907-7

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

Materials Needed: *Hands On Lab* Lab Kit.

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. Attendance is required. Because this is strictly an internet course, attendance will be documented throughout the course by participation in academically related activities at stated deadline. The last day for withdrawal is published in the catalog and the current course schedule. To drop a course, the student must complete an [official withdrawal form](#) with Student Services.

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](#)

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	

Evaluation

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

Daily grades (may include, but not limited to participation, 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.

ADA Statement:

Midland College provides services for students with disabilities through Student Services. In order to receive accommodations, students must place documentation on file with the Counselor/Disability Specialist. Students with disabilities should notify Midland College prior to the beginning of each semester. Student Services will provide each student with a letter outlining any reasonable accommodations. The student must present the letter to the instructor at the beginning of the semester.

Midland College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following individuals have been designated to handle inquiries regarding the non-discrimination policies: **Tana Baker, Title IX Coordinator/Compliance Officer, 3600 N. Garfield, SSC 242, Midland, TX 79705, (432) 685-4781, tbaker@midland.edu; Natasha Morgan, Director Human Resources/Payroll, 3600 N. Garfield, PAD 104, Midland, TX 79705, (432) 685-4534, nmorgan@midland.edu.** For further information on notice of non-discrimination, visit <http://wdcrobcolp01.ed.gov/CFAPPS/OCR/contactus.cfm> or call **1 (800) 421-3481**.

Spanish

Midland College no discrimina por motivos de raza, color, nacionalidad, sexo, discapacidad, o edad en sus programas o actividades. Las siguientes personas han sido designadas para responder a cualquier pregunta o duda sobre estas políticas no discriminatorias: **Tana Baker, Title IX Coordinator/Compliance Officer, 3600 N. Garfield, SSC 242, Midland, TX 79705, (432) 685-4781, tbaker@midland.edu; Natasha Morgan, Director Human Resources/Payroll, 3600 N. Garfield, PAD 104, Midland, TX 79705, (432) 685-4534, nmorgan@midland.edu.** Para más

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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: Sandra Thompson

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