

Zoology 352– Human Anatomy and Physiology II
University of Tennessee at Martin
Fall 2008

Course No. 41501, Section 2
TTH 1:00-2:15 p.m.
HU 212

Instructor: Dr. Ann Gathers
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Office Hours: M 1:00-2:00; T 11:00-12:00; W 9:00-12:00, and TH 2:30-3:30; others by appointment

Catalog Course Description: This course focuses on the structure and function of the endocrine, reproductive, digestive, respiratory, excretory, lymphatic, immune and cardiovascular systems, with additional emphasis on blood, metabolism, and the maintenance of fluid and electrolyte balance. Prerequisite: Grade of C or better in Zool 251 or 120.

Course Objectives:

- 1.) Provide a second semester comprehensive undergraduate anatomy course suitable for nursing and pre-professional students
- 2.) Provide a broad overview of the systems listed above.
- 3.) Examine structure and function of these systems at multiple levels, including the cellular level, tissue level, and organ systems level
- 4.) Provide detailed coverage of selected physiology topics
- 5.) Explore clinical applications of selected topics
- 6.) Encourage students to become independent, active learners, and critical thinkers

Required Materials:

Textbook: Anatomy and Physiology: The Unity of Form and Function, 4th Edition, by Kenneth S. Saladin (2004). ISBN: 9780072875065

Lab Text: Human Anatomy and Physiology, 9th Edition (Fetal Pig Version), by Elaine N. Marieb. ISBN: 0-8053-5518-9

Recommended Materials:

**Colored pencils, pens, or fine-tipped markers for drawing/labeling diagrams

Grading: Students must be enrolled in lecture and lab to receive a grade for the course. The final course grade is determined by lab exam scores (30%) and lecture exam scores (70%).

Lab scores: See lab syllabus.

Lecture scores:

Chapter Assignments	100
Exam I	100
Exam II	100
Exam III	100
<u>Final Exam</u>	<u>200</u> (1/2 new + 1/2 comprehensive)
Total	600 percentage points

Exam format may include multiple choice, fill-in-the blank, short answer, and/or diagrams/identification. **All lectures, assigned readings, and hand-outs are fair testing material. ** Bring No. 2 pencils and student IDs to class on exam day.**

There are no make-up exams. In the event that a student misses an exam and the absence is excused, the **student's final exam percentage will replace the missed exam.** If two exams are missed the final exam percentage will be added twice to the student's grades. No more than two missed exams will be replaced by the final exam percentage.

I determine if an absence on the day of an exam is excused. An absence is excused if: 1.) The student notifies me prior to the absence and the absence is warranted (interview, death of family member, doctor's appointment, class field trips, team travel days, etc.), or 2.) in the case of an emergency, the student contacts me within a day of the absence and the absence is deemed warranted.

In addition to exam grades and lab scores, **chapter assignments will be given.** For these assignments, students will create 10 questions per chapter according to the following format: 2 true/ false, 2 multiple choice, 2 fill-in-the-blank, 2 open-ended, and 2 application. All sections of the chapter covered in lecture must be represented in the assignment. Each assignment that meets these criteria will be worth a total of 10 points. The instructor will include two student questions per chapter on each exam. All student generated questions will be available on Blackboard for the class to review.

Grading Scale:

90-100 A 80-89 B 70-79 C 60-69 D < 60 F

Cheating and Classroom Behavior: All students are expected to demonstrate integrity, respect, and consideration as outlined by the 2007-2008 Undergraduate and Graduate Catalog (page 42). Failure to meet these guidelines will result in a course grade of 'F' and a written report will be submitted to the appropriate dean.

Cell phones must be turned OFF during class. No cell phones, electronic devices, hats, or caps are to be brought to class on exam days.

Attendance: Students are expected to attend all classes and are responsible for lecture information and announcements. I do not provide my own lecture notes to students. Some lecture materials, chapter reviews, and additional information will be accessible via Blackboard.

Academic Accommodation: Any student eligible for and requesting academic accommodations due to a disability is requested to provide a letter from the Student Success Center within the first two weeks of the semester.

Course Schedule:

<u>Day</u>	<u>Date</u>	<u>Subject (tentative)</u>	<u>Chapter</u>
T	Aug. 26	Introduction/ Endocrine	Ch. 17
TH	Aug. 28	Endocrine	Ch. 17
T	Sept. 2	Endocrine	Ch. 17
TH	Sept. 4	Endocrine	Ch. 17
T	Sept. 9	Blood	Ch. 18
TH	Sept. 11	Blood	Ch. 18
T	Sept. 16	Blood	Ch. 18
TH	Sept. 18	Heart	Ch. 19
T	Sept. 23	Exam I	
TH	Sept. 25	Heart	Ch. 19
T	Sept. 30	Heart	Ch. 19
TH	Oct. 2	Blood Vessels and Circulatory	Ch. 20
T	Oct. 7	Blood Vessels and Circulatory	Ch. 20
TH	Oct. 9	Lymphatic and Immune Systems	Ch. 21
T	Oct. 14	FALL BREAK/ NO CLASS	
TH	Oct. 16	Lymphatic and Immune Systems	Ch. 21
T	Oct. 21	Exam II	
TH	Oct. 23	Respiratory	Ch. 23
T	Oct. 28	Respiratory	Ch. 23
TH	Oct. 30	Urinary	Ch. 24
T	Nov. 4	Urinary	Ch. 24
TH	Nov. 6	Urinary	Ch. 24
T	Nov. 11	Exam III	
TH	Nov. 13	Digestive	Ch. 25
T	Nov. 18	Digestive	Ch. 25
TH	Nov. 20	Digestive	Ch. 25
T	Nov. 25	Digestive	Ch. 27
TH	Nov. 27	THANKSGIVING BREAK	
T	Dec. 2	Male/Female Reproductive	Ch. 27
TH	Dec. 4	Female Reproductive	Ch. 28

Final Exam Date:

Thursday, December 11 10:00 a.m.-12:00 p.m. HU 212

Other Important Dates:

October 10 Midterm Grades
 October 11-14 Fall Break
 November 26-30 Thanksgiving Break
 December 5 Last Day of Class
 December 13 Graduation