

Biology 2652 Human Anatomy and Physiology II
Fall Semester 2019
Biology Department, College of Science and Math
Valdosta State University

Instructor: Dr. Teresa H. Doscher

Office: Bailey Science Building 1098

Office Hours: Tuesday 3:15 – 4:30 pm or by appointment

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Midterm: October 17, 2019. This is the last day to drop this course and receive a withdrawal grade (W).

Credit Hour: 4

Lecture Hours: Section AB TR 2:00 – 3:15 pm BC 1023

Lab Hours: Section A R 8:00 – 9:50 am BC 1203

 Section B R 10:00 – 11:50 am BC 1203

Course Description:

Bio 2652 Human Anatomy and Physiology II

Prerequisite: **BIOL 2651.** A continuation of human anatomy and general physiological principles with emphasis on the following: cardiovascular, lymphatic, respiratory, digestive, excretory and reproductive systems, plus development.

Course Goals: This course builds on the anatomical information discussed in BIOL 2651 by examining all the major human physiological systems. Educational outcomes associated with this course include nos. 1, 3, and 4 as specified by the VSU Biology Department and nos. 3, 4, 5, and 7 of the general outcomes specified by the University.

Text: Principles of Anatomy and Physiology, 13th, 14th or 15th edition, by G. J. Tortora & B. Derrickson, John Wiley & Sons.

Lab Manual: **Optional.** Laboratory Manual for Human Anatomy and Physiology, 3rd ed., Smith and Loughry, Burgess Publishing. All lab exercises are also available from the course website.

<https://mypages.valdosta.edu/jloughry/BIOL2652/BIOL2652.html>

<https://blog.valdosta.edu/ap2/>

Laboratory Kit: Can be purchased from VSU Bookstore if you do not already own one; must be brought to each lab dissection class.

Laboratory Specimens: You will not need to purchase a sheep heart, sheep kidney or fetal pig for lab dissection. They will be provided for you. Gloves will also be provided unless they are excessively used.

Cheating and Plagiarism: Cheating is not permitted and will not be tolerated. Any student caught cheating will be dealt with using the standard University policy. Please refer to the current VSU Student Handbook Code of Ethics for policies concerning cheating and plagiarism.

Disruptive Behavior: The academic community is under a strong obligation to protect the campus community from disorderly, disruptive, or obstructive actions which interfere with academic pursuits of teaching, learning and other campus activities. Therefore, any disruptive behavior in the classroom or laboratory that interferes with the teaching of the material or disturbs other students or faculty will not be tolerated. Any student that disrupts the class will be removed from the class and possibly dropped from the course. This student will also forfeit any points toward his or her grade from that day and will not be able to make up the class or lab. Refer to the Undergraduate Catalog for more information.

**TEXTING OR USING YOUR PHONE WILL NOT BE TOLERATED DURING CLASS!
YOU WILL BE ASKED TO LEAVE THE CLASS IF THIS POLICY IS BROKEN!**

Family Educational Rights and Privacy Act of 1974: It is illegal to release personal information about an individual to others. **Grades, averages, and other information will not be released to anyone but that individual; therefore, no grades will be posted or given out over the phone or email.**

Students with Disabilities: Students requesting classroom accommodations or modifications due to a documented disability must contact the Access Office for Students with Disabilities located in the Farber Hall. The phone numbers are 245-2498 (V/VP) and 219-1348 (TTY).

Extra Help with Coursework

The Academic Support Center (ASC) offers all VSU students free peer tutoring in core curriculum courses, including math, writing (any subject), chemistry, biology, foreign languages and more. Please bring your assignments, textbooks, and homework to tutoring sessions. Also available are free, one-hour seminars for help with study skills, time management, and a variety of other topics. Visit our office on the main campus, located on the 2nd floor of Odum Library, or call 229-333-7570 for an appointment, or visit the website where you can make appointment for yourself (www.valdosta.edu/asc).

COURSE POLICIES

Lecture

Attendance: You are expected to attend all lectures. If you miss a lecture, you are responsible for obtaining the notes and any handouts that may be given that day. As per University policy; a student who misses more than 20% of the scheduled classes of a course will be subject to receiving a failing grade in the course. If any student signs the attendance sheet for another student who is absent, this is considered cheating and will be dealt with accordingly.

Grading: Five (5) lecture exams will be given during the semester and a cumulative final exam. **If you miss an exam, you must notify me before 5:00pm the day of the test or you will forfeit your opportunity for a make-up exam. There must be a valid reason or the make-up exam will be forfeited.** The instructor is the final judge of what is an acceptable excuse. **You can only make up one (1) exam.**

There will be no exceptions to these rules.

Laboratory

Attendance: You are expected to attend all labs. Lab exercises cannot be made up; therefore, it is imperative that you attend. As per University policy; a student who misses more than 20% of the scheduled classes of a course will be subject to receiving a failing grade in the course.

Grading: Three (3) laboratory practical exams will be given during the semester. Stations will be set up for identification of specimens, models, slides, etc. You will also turn in assignments from some of the labs. If you do not attend the labs, you will not be able to turn in the assignments and will receive a zero on the assignment. You will not be able to make up a missed lab.

NO MAKE-UP LABORATORY EXAMS WILL BE GIVEN!!!!

Reading Assignments: Reading assignments for lecture and lab exercises should be completed prior to coming to class. Assigned reading may be on the exam even if it is not specifically covered in lecture.

Homework Assignments: Homework assignments will occasionally be given. These are to assist you in your learning; not as busy work. The assignments are to be turned in by the specified time. **Late homework will not be accepted.**

FINAL GRADES FOR BIOL 2652 HUMAN ANATOMY AND PHYSIOLOGY II

Final grades will be determined as follows:

Lecture Exams

Lecture Exam I	100 pts.
Lecture Exam II	100 pts.
Lecture Exam III	100 pts.
Lecture Exam IV	100 pts.
Lecture Exam V	100 pts.
Final Exam	100 pts.

Final Grades

A	786 - 875 pts. (90 - 100%)
B	700 - 785 pts. (80 - 90%)
C	613 - 699 pts. (70 - 80%)
D	525 - 612 pts. (60 - 70%)
F	Below 525 pts. (below 60%)

Lab Practicals

Lab Practical I	75 pts
Lab Practical II	75 pts
Lab Practical III	75 pts

Lab/Homework Assignments

(Possibly more points)

5 x 10 pts each	50 pts
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Total Points	875points
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TENTATIVE LECTURE OUTLINE FALL SEMESTER 2019

<u>Topic</u>	<u>Text Chapter</u>
The Cardiovascular System: The Blood	19
The Cardiovascular System: The Heart	20
The Cardiovascular System: Blood Vessels and Hemodynamics	21
The Respiratory System	23
The Endocrine System	18
The Lymphatic and Immune Systems	22
The Digestive System	24
Fluid, Electrolyte, and Acid-Base Homeostasis	27
The Urinary System	26
The Reproductive Systems	28

Lecture Exam Schedule - This is a tentative schedule subject to change.

Exam 1 - Tuesday, September 10, 2019	Chapters 19 & 20
Exam 2 – Tuesday, October 1, 2019	Chapters 21 & 23
Exam 3 – Tuesday, October 22, 2019	Chapters 18 & 22
Exam 4 - Tuesday, November 12, 2019	Chapters 24 & 27
Exam 5 - Thursday, December 5, 2019	Chapters 26 & 28
Final Exam - Wednesday, December 11, 2019, 2:45 pm – 4:45 pm	Comprehensive

Lab Schedule Biol 2652 Human Anatomy and Physiology II Fall 2019

Date	Topic
Aug. 22	Cardio Physiology - Microscopy of Blood Cells - Room 1047
Aug. 29	Cardio Physiology: Blood Typing
Sept. 5	Cardio Physiology: Pulse, BP, Vasoconstriction/Dilation
Sept. 12	Sheep Heart Dissection
Sept. 19	Fetal Pig Circulatory System - Anterior
Sept. 26	Fetal Pig Circulatory System - Posterior
Oct. 3	Fetal Pig Circulatory System and Sheep Heart Review
Oct. 10	Lab Practical I
Oct. 17	Fetal Pig Digestive and Immune Systems
Oct. 24	Fetal Pig Respiratory System
Oct. 31	Lab Practical II
Nov. 7	Fetal Pig Urinary and Reproductive Systems
Nov. 14	Fetal Pig Urinary and Reproductive Systems
Nov. 21	Lab Practical III
Nov. 28	Thanksgiving Break - No Lab
Dec. 5	No Lab