

Biology 2652
Human Anatomy and Physiology II
Summer Semester 2019

Instructor: Dr. Teresa H. Doscher

Office: Bailey Science Building 1098

Office Hours: Wednesday and Friday 11:05 am or by appointment

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Midterm: July 5, 2019. This is the last day to drop this course and receive a withdrawal grade (W).

Credit Hour: 4

Lecture Hours: Sections AB MTWRF 9:35 – 11:05 am BC 1023

Lab Hours: Section A MTR 11:15 – 1:05 pm BC 1203
 Section B MTR 1:10 – 3:00 pm 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.
<http://www.valdosta.edu/~jloughry/BIOL2652/BIOL2652Labs.htm>

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 and fetal pig for lab dissection. They will be provided for you. Gloves will be provided for you as long as they are not wasted and the use abused.

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).

Strategies Used to Support Learning : The Student Success Center: The Student Success Center (SSC) provides free peer tutoring in core courses, the top four of which are math, writing, Spanish, and biology/chemistry. It also offers Regents' Test Preparation, time management, and study skills workshops as well as provides free professional academic advising and on-campus job information in one location: Langdale Residence Hall above the Tech shop. Help is available to all VSU students. Call 333-7570 to make an appointment, or visit the website: www.valdosta.edu/ssc.

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.**

You will occasionally have quizzes in lecture. The dates of the quizzes will be announced during lecture. If you miss or are late to lecture it is your responsibility to find out if an upcoming quiz is being given in lecture. If you do not attend lecture and miss a quiz you will not be able to make up the missed quiz.

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.**

**TENTATIVE LECTURE OUTLINE
SUMMER 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 - Wednesday, July 3, 2019	Chapters 19 & 20
Exam 2 – Wednesday, July 10, 2019	Chapters 21 & 23
Exam 3 – Wednesday, July 17, 2019	Chapters 18 & 22
Exam 4 - Wednesday, July 24, 2019	Chapters 24 & 27
Exam 5 - Wednesday, July 31, 2019	Chapters 26 & 28
Final Exam - Friday, August 2, 2019 9:35 am – 11:35 am	Comprehensive

Lab Schedule
Biol 2652 Human Anatomy and Physiology II
Summer 2019

<u>Date</u>	<u>Topic</u>	<u>Lab Chapters</u>
June 27	Cardio Physiology: Blood Typing, Blood Cells	10
July 1	Sheep Heart Dissection	11
July 2	Cardio Physiology, Pulse, BP, Vasoconstriction/Dilation	12
July 8	Fetal Pig Circulatory System - Anterior	13
July 9	Fetal Pig Circulatory System – Anterior/Posterior	13
July 11	Fetal Pig Circulatory System - Posterior	13
July 15	Lab Practical I	
July 16	Fetal Pig Digestive and Immune Systems	14, 17
July 18	Fetal Pig Respiratory System	18
July 22	Lab Practical II	
July 23	Fetal Pig Urinary and Reproductive Systems	19
July 25	Fetal Pig Urinary and Reproductive Systems	19
July 29	Lab Practical III	

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/Quizzes

Assignments

(Possibly more points)

5 x 10 pts each	50 pts
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Total Points	875points
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Biol 2652 Tentative Lecture and Lab Schedule Summer 2019

June				
Monday	Tuesday	Wednesday	Thursday	Friday
3	4	5	6	7
10	11	12	13	14
17	18	19	20	21
24	25	26	27	28
		Lecture: 19 Blood	Lecture: 19 Blood	Lecture: 20 Heart
		FIRST DAY OF CLASS! BE HERE!!!	Lab: Unit 10 Blood Typing	
July				
Monday	Tuesday	Wednesday	Thursday	Friday
1	2	3	4	5
Lecture: 20 Heart	Lecture: 20 Heart/21 BV's	EXAM 1		Lecture: 21 Blood Vessels
Lab: Unit 12 Sheep Heart Dissection	Lab: Unit 10 Pulse, Hemodynamics, Blood Pressure	Chapters 19 & 20		
8	9	10	11	12
Lecture: 21 BV's, 23 Resp.	Lecture: 23 Respiratory	EXAM 2	Lecture: 18 Endocrine	Lecture: 18 Endocrine
Lab: Unit 13 Circulatory: Anterior	Lab: Unit 13 Circulatory: Anterior & Posterior	Chapters 21 & 23	Lab: Unit 13 Circulatory: Posterior	and 22 Lymphatics
15	16	17	18	19
Lecture: 22 Lymphatics	Lecture: 22 Lymphatics	EXAM 3	Lecture: 24 Digestive	Lecture: 24 Digestive
Lab Practical 1 Sheep Heart and Pig Circulatory System	Lab: Unit 14 & 17 Digestive, Immune and Respiratory	Chapters 18 & 22	Lab: Unit 14 & 17 Digestive, Immune and Respiratory	
22	23	24	25	26
Lecture: 24 Digestive	Lecture: 24 Digestive	EXAM 4	Lecture: 26 Urinary	Lecture: 26 Urinary
Lab Practical 2 Digestive, Immune and Respiratory	and 27 Fluids Lab: Unit 19 Urinary & Reproductive	Chapters 24 & 27	Lab: Unit 19 Urinary & Reproductive Review all structures	
29	30	31	Aug. 1	Aug. 2
Lecture: 28 Reproduction	Lecture: 28 Reproduction	EXAM 5		Final Exam
Lab Practical 3 Urinary, Reproductive and cumulative		Chapters 26 & 28		Cumulative 9:35 - 11:35 am