Biology 2252
Human Anatomy and Physiology II
Fall Semester 2023

Instructor: Dr. Teresa H. Doscher
Office: Bailey Science Building 1098
Office Hours: Mondays 2 – 3:30pm, Tuesdays 10:00 – 11:00, 12:30 – 2:00 and Thursdays 4:00-5:00pm or by appointment
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Midterm (withdrawal deadline): October 5, 2023. This is the last day to drop this course and receive a withdrawal grade (W).
Credit Hours: 1, Face to face course.
Lecture Hours: Section B Tuesday/Thursday 11:00am – 12:15 pm BC 2022
Lab Hours: Section B Thursday 2:00 – 3:50 pm BC 1203

Course Description:
Bio 2252 Human Anatomy and Physiology II
Prerequisite: Biol 2251. 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 Objectives: This course builds on the anatomical information discussed in BIOL 2251 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 and Lab Manual: Connect APR & PHILS for Anatomy & Physiology: An Integrative Approach, McKinley, 4th edition. Publisher – McGraw Hill.

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. (I don't recommend the manual)

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 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: Academic integrity is the responsibility of all VSU faculty and students. Students are responsible for knowing and abiding by the Academic Integrity Policy as set forth in the Student Code of Conduct and this syllabus. All students are expected to do their own work and to uphold a high standard of academic ethics. Any violations of this policy may result in the academic penalties outlined in the syllabus and may also be referred to Student Affairs for further disciplinary action. A student caught cheating on a quiz, lab report, or assignment will receive a grade of zero and may receive a failing grade (F) in the course.

VSU's **Academic Student Conduct Code** states that "no student shall engage in plagiarism, which is presenting the words or ideas of another person as if they were the student's own." Content generated by an Artificial Intelligence third-party service or site (AI-generated content) without proper citation is another form of plagiarism. If you are unsure about whether something may be plagiarism or another form of academic dishonesty, please reach out to me as soon as possible.

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 laboratory that interferes with the teaching of the laboratory exercises 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 lab. Refer to the Undergraduate Catalog for more information.

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. **All grades will be posted on Blazeview.**

Non-Discrimination and Title IX Statement: Valdosta State University (VSU) upholds all applicable laws and policies regarding discrimination on the basis of race, color, sex (including sexual harassment and pregnancy), sexual orientation,

gender identity or expression, national origin, religion, age, veteran status, political affiliation, or disability. The University prohibits specific forms of behavior that violate Title IX of the Education Amendments of 1972. Title IX of the Education Amendments of 1972 prohibits discrimination on the basis of sex in education programs and activities that receive federal funding. VSU considers sex discrimination in any form to be a serious offense. Title IX refers to all forms of sex discrimination committed against others, including but not limited to: sexual harassment, sexual assault, sexual misconduct, and sexual violence by other employees, students or third parties and gender inequity or unfair treatment based on an individual's sex/gender. The designated Title IX Coordinator for VSU is Ms. Selenseia Holmes. To view the full policy or to report an incident visit: https://www.valdosta.edu/administration/student-affairs/title-ix/

Accommodations Statement: Students with disabilities who are experiencing barriers in this course may contact the Access Office (https://www.valdosta.edu/student/disability/) for assistance in determining and implementing reasonable accommodations. The Access Office is located in University Center Room 4136 Entrance 5. The phone numbers are 229-245-2498 (V), 229-375-5871. For more information, please visit VSU's Access Office or email: access@valdosta.edu. To request reasonable accommodations for pregnancy and childbirth, contact Ms. Myia Miller, Title IX Compliance Officer, at maburden@valdosta.edu. Please note, you will be required to provide documentation from an appropriately licensed medical professional indicating the requested accommodations are medically necessary.

VSU Counseling Center: As a student, you may experience a range of challenges that can interfere with learning, such as strained or violent relationships, death and loss, increased anxiety, substance use, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may diminish your academic performance and/or reduce your ability to participate in daily activities. VSU services are available and treatment does work. You can learn more about confidential mental health services available on campus at https://www.valdosta.edu/blazer-wellness/mental-health.php

Extra Help with Coursework: The Academic Support Center (ASC) provides unlimited, in-person, free peer tutoring in core courses such as math, English/writing, sciences, social sciences, and languages. We also offer 8 hours of free online tutoring via Tutor.com (8 hours per student, available 24/7). Click the Free Tutoring link in any Blazeview course to make appointments. Please drop by our space in Odum Library, 2nd floor, or call 229-333-7570, email asc@valdosta.edu, or visit the website www.valdosta.edu/asc for more information.

Student Opinion of Instruction Survey: At the end of the term, all students will be expected to complete an online Student Opinion of Instruction survey (SOI) that will be available through SmartEvals. Students will receive an email notification through their VSU email address when the SOI is available (generally at least one week before the end of the term). SOI responses are anonymous to instructors/administrators, and they will be able to access results only after they have submitted final grades. Before final grade submission, instructors will not be able to see any responses, but they can see the percentage of students who have or have not completed their SOIs. While instructors will not be able to see student names, an automated system will send a reminder email to those who have yet to complete their SOIs. Complete information about the SOIs, including how to access the survey, is available on the **SOI Procedures webpage** (**https://www.valdosta.edu/academics/academic-affairs/sois/**).

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 an **optional cumulative final exam. If for whatever reason you miss an exam you will not be able to make it up – no make up exams at all. The final exam will be optional and cumulative. This will be a great opportunity for you to drop your lowest test grade and replace it with a better grade. If you miss an exam you will have to take the final exam to replace the missed exam grade. If you miss more than one exam then you will only be able to replace one of the zeros with the final exam grade.**

You will also have homework assignments and virtual labs to complete on Connect. **I will not accept late assignments so pay close attention to the due dates.** All due dates will be posted on Connect and Blazeview. These are to assist you in your learning; not as busy work.

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. 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 missed labs or missed lab practicals.**

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

Tentative Lecture Outline – Fall Semester 2023

Topic	Text Chapters
The Cardiovascular System: The Blood	18
The Cardiovascular System: The Heart	19
The Cardiovascular System: Blood Vessels and Hemodynamics	20
The Respiratory System	23
The Endocrine System	17
The Lymphatic and Immune Systems	21 & 22
The Digestive System	26
Fluid, Electrolyte, and Acid-Base Homeostasis	25
The Urinary System	24
The Reproductive Systems	28

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

Exam 1 - Tuesday, September 5, 2023	Chapters 18 & 19
Exam 2 – Tuesday, September 26, 2023	Chapters 20 & 23
Exam 3 – Thursday, October 19, 2023	Chapters 17, 21 & 22
Exam 4 - Tuesday, November 7, 2023	Chapters 25 & 26
Exam 5 - Thursday, November 30, 2023	Chapters 26 & 28
Final Exam - Wednesday, December 27, 2023	**Comprehensive & Optional**
10:15 am – 12:15 pm	

Lab Schedule - This is a tentative schedule subject to change.

Date	Topic
August 17	Cardio Physiology: Blood Typing, Blood Cells
August 24	Sheep Heart Dissection
August 31	Cardio Physiology, Pulse, BP, Vasoconstriction/Dilation
September 7	Fetal Pig Circulatory System - Anterior
September 14	Fetal Pig Circulatory System – Anterior/Posterior
September 21	Fetal Pig Circulatory System – Posterior
September 28	Fetal Pig Circulatory System & Sheep Heart Review
October 5	**Lab Practical I**
October 12	Fetal Pig Digestive and Immune Systems
October 19	Fetal Pig Respiratory System
October 26	**Lab Practical II**
November 2	Fetal Pig Urinary and Reproductive Systems
November 9	Fetal Pig Urinary and Reproductive Systems
November 16	**Lab Practical III**

FINAL GRADES FOR BIOL 2252 HUMAN ANATOMY AND PHYSIOLOGY II

Lecture Grades	**Connect Homework Assignments**	**Tests (Assessments)**
Chapter 18 Blood	10	
Chapter 19 Heart Part 1	10	
Chapter 19 Heart Part 2	10	100
Chapter 20 Vessels	10	
Chapter 23 Respiratory	10	100
Chapter 17 Endocrine	10	
Chapter 21 & 22 Lymphatics	10	100
Chapter 25 Fluid Balance	5	
Chapter 26 Digestive	10	100
Chapter 24 Urinary	10	
Chapter 28 Reproductive	10	100
Final (optional & cumulative)		100 (replaces lowest)
Total	**105**	**500**

Laboratory Grades	
Lab Practical 1	50
Lab Practical 2	50
Lab Practical 3	50
Virtual Labs (11 x 5 pts each)	55
Lab Assignments (2 x 5 pts each)	10
Total	**215**

Lecture Grades	**605 points**
Laboratory Grades	**215 points**
TOTAL	**820 points**

Final Grades
A 740 - 820 points (90% - 100%)
B 660 - 739 points (80% - 90%)
C 580 - 659 points (70% - 80%)
D 500 - 579 points (60% - 70%)
F Below 500 points (below 60%)