

Biology 2652 Human Anatomy/Physiology I

Biology Department, College of Arts and Sciences, Valdosta State University

Sections C, (CRN# 1970, 24685) (4 credit hours)

Spring Semester, 2022

Instructor - Dr. J. Mitchell Lockhart

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Office Hours As posted or by appointment

Course hours: Lecture - Face to face (2:00-3:15 MW, BSC 1011) possible asynchronous.

Most lectures will be available on Blackboard in Kaltura

Lab - Face to face (BSC 120), possible asynchronous

Lab G - T 2:00-3:50 Lab F - M 11:00-12:50.

Textbook - G.J. Tortora and B. Derrickson, Principles of Anatomy and Physiology

Face Coverings: As the Blazer Creed articulates, members of the VSU community are expected to live by high standards of civility, integrity, and citizenship and embrace their responsibility as a member of the Blazer community. In recognition of this responsibility and in response to the best available science and current guidance from the Centers for Disease Control and Prevention and the Georgia Department of Public Health, every student must wear a face covering that covers the nose and mouth at all times while in any campus building, including in this classroom. This requirement is intended to protect the health and safety of all VSU students, the instructor, and the entire university community. Anyone attending class without a face covering will be asked to put one on or leave. Students should also be sure they maintain a distance of at least six feet away from their fellow students and instructor and are seated in a seat that is designated to ensure that distance. Students who refuse to wear face coverings appropriately or adhere to other stated requirements may face disciplinary action for Code of Conduct violations.

Virtual Proctored Exams:

USING LOCKDOWN BROWSER AND A WEBCAM FOR ONLINE EXAMS

This course requires the use of LockDown Browser and a webcam for online exams. The webcam can be built into your computer or can be the type that plugs in with a USB cable. Watch this short video (<http://www.respondus.com/products/lockdownbrowser/studentmovie.shtml>) to get a basic understanding of LockDown Browser and the webcam feature. A student Quick Start Guide (<http://www.respondus.com/products/monitor/guides.shtml>) is also available.

Cheating: Refer to the Student Code of Ethics in the Valdosta State University Student Handbook. A student caught cheating will be penalized ranging from receiving a zero for that assignment or test to failing the class.

Important Dates Mid-Term– March 3, Final Exam – Tuesday, May 3, 2:45-4:45 PM

* The Instructor reserves the right to modify the above contents with proper notification.

Course Outcomes: Course:

By the end of BIOL 2651, students who successfully complete the course should be able to:

Valdosta State University General Education Outcomes:

1. Students will demonstrate understanding of the society of the United States and its ideals
They will possess the requisite knowledge of the society of the United States, its ideals, and its functions to enable them to become informed and responsible citizens. They will understand the connections between the individual and society and the roles of social institutions. They

7. Students will demonstrate the ability to analyze, to evaluate, and to make inferences from oral, written, and visual material. They will be skilled in inquiry, logical reasoning, and critical analysis. They will be able to acquire and evaluate relevant information, analyze arguments, synthesize facts and information, and offer logical arguments leading to creative solutions to problems.
- 8.

BIOL 2652
Human Anatomy and Physiology I
Dr. J. Mitchell Lockhart

Tentative Lecture Outline This is the order in which we will cover topics.

TOPIC	TEXT CHAPTERS
The Endocrine System	18
The Cardiovascular System: The Blood	19
The Cardiovascular System: The Heart	20
The Cardiovascular System: Blood Vessels and Hemodyn	21
The Lymphatic System and Immunity	22
The Respiratory System	23
The Digestive System	24
Metabolism and Nutrition	25
The Urinary System	26
Fluid, Electrolyte, and Acid-Base Homeostasis	27
The Reproductive Systems	28
Development and Inheritance	29

Lecture Exams:

- 1 – February 7
- 2 – March 7
- 3 – April 6
- 4 – April 27 or May 2

Final Exam:

Tuesday, May 3, 2:45-4:45PM

Tentative Laboratory Schedule

Date	Topic	Lab Manual Chapter
Jan 10-11	NO LAB	
Jan 17-18	NO LAB- MLK Holiday	
Jan 24-25	Blood physiology	
Jan 31-Feb 1	Sheep heart dissection 1	
Feb 7-8	Sheep heart dissection 2, Pulse and Blood Pres	
Feb 14-15	Fetal Pig Anterior blood vessels	
Feb 21-22	Fetal Pig Posterior blood vessels	
Feb 28-Mar 1	Finish and review blood vessels and heart	
Mar 7-8	Lab Practical 1	
Mar 14-15	NO LAB- Spring Break	
Mar 21-22	Fetal pig digestive and immune systems	
Mar 28-29	Fetal pig respiratory system, Review	
Apr 4-5	Lab Practical 2	
Apr 11-12	Fetal pig urinary and reproductive systems	
Apr 18-19	Finish and Review	
Apr 25-26	Lab Practical 3	