

Biology 2651 Human Anatomy and Physiology I
Fall Semester 2021
Biology Department, College of Science and Math
Valdosta State University

Instructor: Dr. Teresa H. Doscher

Office: Science Building 1098

Office Hours: Wednesday 1:00 – 3:00 pm or by appointment

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Midterm (withdrawal deadline): October 14, 2021. This is the last day to drop this course and receive a withdrawal grade (W).

Credit Hour: 4

Lecture Hours: Section E TR 11:00 – 12:15 pm BC 2022

Lab Hours: Section E T 2:00 – 3:50 pm BC 1203

Course Description:

Bio 2651 Human Anatomy and Physiology I

This course is the first in a two-part series. We will introduce human anatomy and physiology principles with emphasis on the following: cell and tissue organization, integumentary system, skeletal system, muscular system, nervous system and special senses

Prerequisites: None

Course Goals: This course provides anatomical and physiological information by examining 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. Information about the lab exercises is available online.
<https://blog.valdosta.edu/ap1/>

Laboratory Kit: Can be purchased from VSU Bookstore if you do not already own one; must be brought to the eye and brain dissection class. You and your lab partner may share a kit.

Laboratory Specimens: You will not need to purchase a sheep brain or cow eye 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. 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.

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.**

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).

COVID, FACE COVERINGS AND SOCIAL DISTANCING

As the Blazer Creed articulates, members of the VSU community are expected to live by the 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, while face coverings are no longer required, individuals are strongly encouraged to continue wearing a face covering indoors. Unvaccinated individuals are strongly encouraged to get vaccinated. Vaccines remain available at no cost for all members of the university community by appointment at Student Health Services. For COVID Vaccines, please call ahead for an appointment at 229-333-5886.

If you suspect you are positive for COVID you can get tested for FREE at the Student Health Center. If you are told to quarantine due to COVID, I will try to work with you the best I can, BUT you will have to do your part to COMMUNICATE with me, study on your own and complete assignments during your quarantine. This is not a free pass to miss class. You are still responsible for learning the material covered in the course during your absence.

Make sure you report to the Dean of Students so they can send out a notification to your professors. Lectures/labs will not be recorded but the powerpoints will be made available to you. It will be up to you to study the powerpoints and read the text to prepare for quizzes/exams and complete any assignments if applicable. Students who are quarantined will be dealt with on an individual basis so it is very important to communicate with me to make up your missed assignments and make sure you don't get behind.

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.**

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: Four (4) laboratory practical exams will be given during the semester. Stations will be set up for identification of specimens, models, slides, etc. You will also have quizzes or 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 LABORATORY EXAMS WILL BE GIVEN!!!!

Homework Assignments: Homework assignments may 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 will be determined as follows and may be subject to change:

Lecture Exams

Lecture Exam I	100 points
Lecture Exam II	100 points
Lecture Exam III	100 points
Lecture Exam IV	100 points
Lecture Exam V	100 points
Final Exam (optional and cumulative)	100 points (replaces lowest)
Total Lecture	500 points

Lab Practicals

Lab Practical I	50 points
Lab Practical II	50 points
Lab Practical III	50 points
Lab Practical IV	50 points
Total Lab	200 points

Assignments / Quizzes: Will be added into the final grade as needed.

At least 5 HW assignments or quizzes **50 points**

Total Grade Points	750 points
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Final Grades

- A 675-750 points (90% - 100%)
- B 600-674 points (80% - 90%)
- C 525-599 points (70% - 80%)
- D 450-524 points (60% - 70%)
- F Below 450 points (below 60%)

BIO 2651 LECTURE SCHEDULE

<u>Text Chapter</u>	<u>Topic</u>
1	An Introduction to the Human Body
3	The Cellular Level of Organization
4	The Tissue Level of Organization
5	The Integumentary System
6	The Skeletal System: Bone Tissue
7	The Skeletal System: The Axial Skeleton
8	The Skeletal System: The Appendicular Skeleton
9	Joints
10	Muscular Tissue
11	The Muscular System
12	Nervous Tissue
13	The Spinal Cord and Spinal Nerves
14	The Brain and Cranial Nerves
15	The Autonomic Nervous System
16	Sensory, Motor, and Integrative Systems
17	The Special Senses

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

Lecture Exam I (Chapters 1, 3, 4)	Thursday	9/2/2021
Lecture Exam II (Chapters 5 - 8)	Tuesday	9/28/2021
Lecture Exam III (Chapters 9 - 11)	Thursday	10/21/2021
Lecture Exam IV (Chapters 12, 14, 15)	Thursday	11/11/2021
Lecture Exam V (Chapters 13, 16, 17)	Thursday	12/2/2021
Optional Comprehensive Final Exam 10:15 - 12:15 pm	Wednesday	12/8/2021

BIO 2651 LAB SCHEDULE

DATE	TOPIC
Aug. 17th	Microscope and Cells
Aug. 24th	Tissues and Skin
Aug. 31st	Tissues and Skin
Sept. 7th	Lab Practical I
Sept. 14th	Skeletal System
Sept. 21st	Skeletal System
Sept. 28th	Skeletal System
Oct. 5th	Lab Practical II
Oct 12th	Fall Break - No Classes
Oct. 19th	Muscular System
Oct. 26th	Muscular System
Nov. 2nd	Lab Practical III
Nov. 9th	Sheep brain dissection
Nov. 16th	Cow eye dissection
Nov. 23rd	Lab Practical IV
Nov. 30th	Special Senses lab