

Biology 2651 Human Anatomy and Physiology I
Spring Semester 2019
Biology Department, College of Science and Math
Valdosta State University

Instructor: Dr. Teresa H. Doscher

Office: Science Building 1098

Office Hours: Tuesday 2:00 – 3:00 pm or by appointment

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Midterm: March 14, 2019. This is the last day to drop this course and receive a withdrawal grade (W).

Credit Hour: 4

Lecture Hours: Section CD TR 9:30 – 10:45 am BC 1025

Lab Hours: Section C R 11:00 – 12:50 pm BC 1203

 Section D R 1:00 – 2:50 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://mypages.valdosta.edu/dodrobin/2651/2651Lab.htm>.

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.

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 12:00pm noon the next day or 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: 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 make up the quiz or 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.**

BIO 2651 LECTURE SCHEDULE

| <u>Text Chapter</u> | <u>Topic</u> |
|----------------------------|--|
| 1 | An Introduction to the Human Body |
| 2 | The Chemical Level of Organization |
| 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 |

BIO 2651 LAB SCHEDULE

| <u>DATE</u> | <u>TOPIC</u> | <u>LAB BOOK CHAPTERS</u> (lab book not required to purchase) |
|--------------------|--------------------------|--|
| January 17, 2019 | Microscope and Cells | 1, 2 |
| January 24, 2019 | Tissues and Skin | 4 |
| January 31, 2019 | Tissues and Skin | 4 |
| February 7, 2019 | Lab Practical I | |
| February 14, 2019 | Skeletal System | 5 |
| February 21, 2019 | Skeletal System | 5 |
| February 28, 2019 | Lab Practical II | |
| March 7, 2019 | Muscular System | 6 |
| March 14, 2019 | Muscular System | 6 |
| March 21, 2019 | SPRING BREAK- No classes | |
| March 28, 2019 | Lab Practical III | |
| April 4, 2019 | Brain | 7 |
| April 11, 2019 | Eye | 8 |
| April 18, 2019 | Lab Practical IV | |

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

| | |
|------------------------------------|---|
| Lecture Exam I (Chapters 1 - 4) | 01/31/2019 |
| Lecture Exam II (Chapters 5 - 8) | 02/21/2019 |
| Lecture Exam III (Chapters 9 - 11) | 03/14/2019 |
| Lecture Exam IV (Chapters 12 - 14) | 04/11/2019 |
| Lecture Exam V (Chapters 15 - 17) | 05/02/2019 |
| Comprehensive Final Exam | 05/09/2019 8:00 - 10:00 am Thursday, May 9, 2019 |

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 | 100 points |
| | <hr/> |
| Total Lecture | 600 points |

Lab Practicals

| | |
|-------------------|-------------------|
| Lab Practical I | 50 points |
| Lab Practical II | 50 points |
| Lab Practical III | 50 points |
| Lab Practical IV | 50 points |
| | <hr/> |
| 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 | 850 points |
|---------------------------|-------------------|

Final Grades

- A 765-850 points (90% - 100%)
- B 680-764 points (80% - 90%)
- C 595-679 points (70% - 80%)
- D 510-594 points (60% - 70%)
- F Below 510 points (below 60%)