

**Biology 2651 Human Anatomy and Physiology I**  
**Fall Semester 2011**  
**Biology Department, College of Arts and Sciences**  
**Valdosta State University**

**Instructor:** Dr. Teresa H. Doscher

**Office:** Science Building 1098

**Office Hours:** Tuesday and Thursday from 11:00 to 11:45 am or by appointment

**Phone:** Office 333-5769, Biology Dept. 333-5759

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**Lecture Hours:** TR 9:30 – 10:45 am Science Building BC 1024

**Lab Hours:** W 1:30 – 3:20 pm Science Building BC 2047

**Credit Hours:** 4

**Midterm (October 6, 2011):** This is the last day to drop the class with a passing grade (WP). You cannot drop the class after midterm unless there are extenuating circumstances. The final decision if the reason is acceptable is made by the Dean's office.

**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, 12th edition, by G. J. Tortora & B. Derrickson, John Wiley & Sons, 2008.

**Lab Manual:** Laboratory Manual for Human Anatomy and Physiology, Smith and Loughry, Burgess Publishing.

**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.

**Laboratory Specimens:** You will not need to purchase a sheep brain or cow eye for lab dissection. They will be provided for you. You may want to purchase latex surgical gloves for use during the dissection labs since gloves are not provided.

**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.**

**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](http://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 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**

<b><u>Text Chapter</u></b>	<b><u>Topic</u></b>
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**

<b><u>DATE</u></b>	<b><u>TOPIC</u></b>	<b><u>LAB BOOK CHAPTERS</u></b>
August 17, 2011	No Lab	
August 24, 2011	Microscope and Cells	1, 2
August 31, 2011	Tissues and Skin	4
September 7, 2011	Tissues and Skin	4
September 14, 2011	<b>Lab Practical I</b>	
September 21, 2011	Skeletal System	5
September 28, 2011	Skeletal System	5
October 5, 2011	<b>Lab Practical II</b>	
October 12, 2011	Muscular System	6
October 19, 2011	Muscular System	6
October 26, 2011	<b>Lab Practical III</b>	
November 2, 2011	Brain	7
November 9, 2011	Eye	8
November 16, 2011	<b>Lab Practical IV</b>	

**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
<b>Total Lecture</b>	<b>600 points</b>

**Lab Practicals**

Lab Practical I	50 points
Lab Practical II	50 points
Lab Practical III	50 points
Lab Practical IV	50 points
<b>Total Lab</b>	<b>200 points</b>

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

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

<b>Total Grade Points</b>	<b>850 points</b>
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**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%)

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

Lecture Exam I (Chapters 1 - 4)	9/1/2011
Lecture Exam II (Chapters 5 - 8)	9/22/2011
Lecture Exam III (Chapters 9 - 11)	10/13/2011
Lecture Exam IV (Chapters 12 - 14)	11/8/2011
Lecture Exam V (Chapters 15 - 17)	11/29/2011
<b>Comprehensive Final Exam</b>	<b>12/8/2011 10:15 - 12:15 pm</b>
	<b>Thursday, December 8, 2011</b>