BIOL 2651 ANATOMY AND PHYSIOLOGY I
Credit Hours 3-2-4 Department of Biology

Instructor: Dr. Timothy J. Fort **Office:** BC 1100
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Office Hours: By appointment
Lecture: Mon/Tues/Wed/Thurs 2.20 pm – 3.45 pm BC 1024
Laboratory: Monday/Wednesday 4.00 pm – 5.50 pm BC 1203

Textbook: Principles of Anatomy and Physiology, 12th or 13th Edition
Tortora, G.J. and Derrickson, B.
Lab Manual: Laboratory Manual for Anatomy and Physiology, 3rd Edition
Loughry, M.J. and Smith, M.E.

Course Description: Introduction to human anatomy and general physiological principles with emphasis on the following: cell and tissue organization, plus skeletal, muscular, and nervous systems.

Course Objectives: By the end of this course, students will be expected to:
(1) Demonstrate an understanding of the cellular and tissue levels of organization within the human body physiology.
(2) Demonstrate an understanding of the anatomy of selected organ systems and relate the functioning of the organ systems to the overall functioning of the human body.
(3) Demonstrate competency in factual content / interpretation of the major areas of human anatomy and physiology.

These objectives support in part the Department of Biology Educational Outcome #'3 and the Valdosta State University General Educational Outcomes #'s 4, 5, 7.

Attendance: Attendance of lectures is expected of all students, but is not required. Attendance of laboratory classes is mandatory. Any student missing 2 scheduled laboratory classes, without an acceptable documented reason (determined by the instructor) will receive a failing grade for the course. Student attendance of classes will be recorded.

Conduct:

Students with Documented 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).

Privacy Act: Due to the Buckley Amendment, or Privacy Act, an individual's personal information cannot be released to anyone but that individual. As such, grades will not be discussed over the phone, by email, or released to a friend or relative.

Assessment:

Lecture: Four exams, plus a comprehensive final.
Each exam will be worth 100 points.
Laboratory: Four lab practicals
Each lab practical will be worth 50 points
Final grade: Your final grade will be a combination of your lecture score and your laboratory score
Lecture will comprise 70% and Lab will comprise 30% of your final score.

-Lab Practicals cannot be made up. If you miss a lab practical, you will receive a zero for that lab grade**.**
-There are NO make-up lecture exams. If you miss an exam, you must take the comprehensive final exam.
-The final lecture exam will be comprehensive and OPTIONAL. If you wish to improve your grade, the final exam score can replace the lowest exam score received during the semester.
-Lecture Exams: Question styles will vary depending on the topics being examined and may include (but are not limited to), multiple choice, true/false, fill in the blank, diagrams and short answers.

Tentative Laboratory Schedule

Date	Topic	Chapter
5/6	Microscope and cells / Tissues & Skin	**1, 2**
10/6	Tissues and Skin	**4**
12/6	Tissues and Skin	**4**
17/6	**LAB PRACTICAL #1**	**5**
19/6	Skeletal System	**5**
24/6	Skeletal System	
26/6	**LAB PRACTICAL #2**	**6**
1/7	Muscular System	**6**
3/7	Muscular System	
8/7	**LAB PRACTICAL #3**	
10/7	Sheep Brain	**7**
15/7	Cow Eye	**8**
17/7	**LAB PRACTICAL #4**	
22/7	**NO LAB**	

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

Topic	Chapter
Introduction to the Human Body	**1**
Cellular Level of Organization	**3**
Tissue Level of Organization	**4**
Integumentary System	**5**
Bone Tissue	**6**
The Axial Skeleton	**7**