

BIOL 2651
Credit Hours 3-2-4

ANATOMY AND PHYSIOLOGY I
Department of Biology

Instructor: Dr. Timothy J. Fort
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Office: BC 1100
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Office Hours: By appointment
Lecture: Monday/Wednesday 2.20 pm – 5.20 pm BC 1024
Laboratory: Monday/Wednesday 5.30 pm – 7.20 pm BC 2047

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, nervous, and endocrine 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 are expected to arrive on time and behave with respect in both lectures and laboratories. Students should not talk during lectures, but if you do not understand or do not hear something please ask for clarification. Use of cell phones during lectures and laboratories is not permitted. Cell phones must be turned off during lectures and laboratories. If your cell phone activates during a lecture you will be asked to leave. If your cell phone activates during an exam you will be asked to leave and receive 0% for that exam.

Cheating / Plagiarism: Please refer to the Student Code of Ethics in the Valdosta State University Student Handbook. Any student caught cheating will be penalized, ranging from receiving a zero for that assignment or test, to failure and expulsion from the course.

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: 4 Exams @ 100 points each : 400 points
 Laboratory: 4 Practicals @ 25 points each : 100 points
 Total : 500 points

- Make up examinations will only be given if an acceptable documented reason (determined by the instructor) is provided. For make-up examinations, a maximum of 85% will be awarded to you even if you answer all the questions correctly. **There are no Lab Practical make ups.**

- 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 Lecture and Examination Schedule

Date	Topic	Chapter
6/6	Introduction to the Human Body / Cellular Level of Organization	1, 3
11/6	Cellular Level of Organization / Tissue Level of Organization	3, 4
13/6	Tissue Level of Organization / Integumentary System	4, 5
18/6	EXAM #1 / Integumentary System	5
20/6	Bone Tissue / The Axial Skeleton	6, 7
25/6	The Axial Skeleton / The Appendicular Skeleton	7, 8
27/6	The Appendicular Skeleton / Articulations	8, 9
2/7	EXAM #2 / Articulations	9
4/7	NO CLASS – 4th of July Holiday	
9/7	Muscle Tissue / Muscular System	10, 11
11/7	Muscular System / Nervous System	11, 12
16/7	EXAM #3 / Nervous System	12
18/7	Spinal Cord & Spinal Nerves / Brain & Cranial Nerves	13, 14
23/7	Autonomic Nervous System / Special Senses	15, 17
27/7	Final Examination: 3.00pm-5.00pm	

Laboratory Schedule

Date	Topic	Chapter
6/6	Microscope and cells / Tissues & Skin	1, 2, 4
11/6	Tissues and Skin	4
13/6	LAB PRACTICAL #1	
18/6	Skeletal System	5
20/6	Skeletal System	5
25/6	LAB PRACTICAL #2	
27/6	Muscular System	6
2/7	Muscular System	6
4/7	NO LAB	
9/7	LAB PRACTICAL #3	
11/7	Sheep Brain	7
16/7	Cow Eye	8
18/7	LAB PRACTICAL #4	
23/7	NO LAB	