

BIOL 2651
Credit Hours 3-2-4

ANATOMY AND PHYSIOLOGY I
Department of Biology

Instructor:	Dr. Timothy J. Fort	Office:	BC 1100
Phone:	(229) 249-2643	Email:	tjfort@valdosta.edu
Lecture:	Monday and Wednesday	11.10 am – 2.10 pm	BC 1023
Laboratory Section A:	Monday and Wednesday	3.00 pm – 4.50 pm	BC 1203
Office Hours:	Tuesday	2.00 pm – 4.00 pm	or by appointment

Textbook (required): Principles of Anatomy and Physiology, 12th, 13th, or 14th edition
Tortora, G.J. and Derrickson, B.

Lab Manual (optional): Laboratory Manual for Anatomy and Physiology, 3rd Edition
Loughry, M.J. and Smith, M.E.

Lab Website: blog.valdosta.edu/ap1

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 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:	Three exams	@ 100 points	= Total: 300 points
		Final exam	Part 1) New material @ 100 points	
			Part 2) Cumulative material @ 100 points	= Total: 200 points***
				= Total: 400 points***
	Laboratory:	Four lab practicals	@ 50 points	= Total: 200 points

*****The final lecture exam will contain an optional comprehensive section.** If you wish to improve your grade, the optional final exam comprehensive section score can be used to replace an exam score received for exam 1, 2, or 3.

Final grade: Your final grade will be a combination of your lecture score and your laboratory 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.

-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	Lab Manual Chapter
6/8	Introduction & Microscope Basics	1, 2
6/13	Tissues and Skin	4
6/15	Tissues and Skin	4
6/20	LAB PRACTICAL #1	
6/22	Skeletal System	5
6/27	Skeletal System	5
6/29	LAB PRACTICAL #2	
7/4	NO LAB	
7/6	Muscular System	6
7/11	Muscular System	6
7/13	LAB PRACTICAL #3	
7/18	Sheep Brain	7
7/20	Cow Eye	8
7/25	LAB PRACTICAL #4	

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

Topic	Textbook 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
The Appendicular Skeleton	8
Articulations	9
Muscle Tissue	10
Muscular System	11
Nervous System	12
Spinal Cord & Spinal Nerves	13
Brain & Cranial Nerves	14
Autonomic Nervous System	15
Special Senses	17
Sensory, Motor and Integrative Systems	16

Midterm: Thursday July 5th

Exam Schedule (tentative): #1 – June 22nd
 #2 – July 6th
 #3 – July 18th

Final Examination: Thursday July 28th 12.45pm – 2.45pm