

BIOL 2651
Credit Hours 3-2-4

ANATOMY AND PHYSIOLOGY I
Department of Biology

Instructor: Dr. Timothy J. Fort
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Lecture: Monday and Wednesday 11.10 am – 2.10 pm BC 1024
Laboratory Section B: 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, 14th, or 15th edition
Tortora, G.J. and Derrickson, B.

Lab Website: blog.valdosta.edu/API

Lab Manual (optional): *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 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/lab practical 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.

Title IX Statement: Valdosta State University (VSU) is committed to creating a diverse and inclusive work and learning environment free from discrimination and harassment. VSU is dedicated to creating an environment where all campus community members feel valued, respected, and included. Valdosta State University prohibits discrimination on the basis of race, color, ethnicity, national origin, sex (including pregnancy status, sexual harassment and sexual violence), sexual orientation, gender identity, religion, age, national origin, disability, genetic information, or veteran status, in the University's programs and activities as required by applicable laws and regulations such as Title IX. The individual designated with responsibility for coordination of compliance efforts and receipt of inquiries concerning nondiscrimination policies is the University's Title IX Coordinator: Maggie Viverette, Director of the Office of Social Equity, titleix@valosta.edu, 1208 N. Patterson St., Valdosta State University, Valdosta, Georgia 31608, 229-333-5463.

Access Statement: Students with disabilities who are experiencing barriers in this course may contact the Access Office for assistance in determining and implementing reasonable accommodations. The Access Office is located in Farbar Hall. The phone numbers are 229-245-2498 (V), 229-375-5871 (VP) and 229-219-1348 (TTY). For more information, please visit VSU's Access Office or email: access@valdosta.edu.

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 laboratory 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 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 Lecture Outline – This is the order (and tentative dates) 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 (withdrawal deadline): Friday July 5th

Exam Schedule (tentative): Exam#1 – June 26th
 Exam#2 – July 8th
 Exam#3 – July 22nd

Final Examination: Friday 2nd August 12.45pm – 2.45pm

Tentative Laboratory Schedule

Date	Topic	Lab Manual Chapter
6/12	No Lab	
6/17	Tissues and Skin	4
6/19	Tissues and Skin	4
6/24	LAB PRACTICAL #1	
6/26	Skeletal System	5
7/1	Skeletal System	5
7/3	LAB PRACTICAL #2	
7/8	Muscular System	6
7/10	Muscular System	6
7/15	LAB PRACTICAL #3	
7/17	Sheep Brain	7
7/22	Cow Eye	8
7/24	Brain and Eye review	7 & 8
7/29	LAB PRACTICAL #4	
7/31	No Lab	