

BIOL 4250/6250
Credit Hours 3-3-4

HUMAN ANATOMY
Department of Biology

Instructor: Dr. Timothy J. Fort
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Office Hours: Thursday 3.00pm – 5.00pm (or by scheduled appointment)
Lecture: Tuesday & Thursday 11.00am – 12.15pm BC 1024
Laboratory: Section A: Tuesday 2.30pm – 5.20pm BC 2070
Section B: Wednesday 10.00am – 12.50pm BC 2070
Section C: Wednesday 2.00pm – 4.50pm BC 2070

Textbook: Human Anatomy, 6TH Edition. M. McKinley, V. O’Loughlin & E Pennefather-O’Brien. McGraw-Hill.
Required Software: Anatomy & Physiology Revealed 4.0: An Interactive Cadaver Dissection Experience. McGraw-Hill

Course Description: Study of the structure of the human body from cells to organ systems. Major human organ systems such as the integumentary, skeletal, muscular, nervous, cardiovascular, respiratory, digestive, urinary and reproductive will be surveyed with emphasis on form-function relationships.

Prerequisites BIOL 4250: BIOL 1107, BIOL 1108, and BIOL 3200 or permission of instructor.

Prerequisites BIOL 6250: Admission into the graduate program or permission of instructor.

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.
- (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.

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

Spring 2022 Classroom COVID procedures: To protect yourself and others, **properly wearing a face covering is strongly encouraged** in all classrooms and other instructional spaces at all times. The first line of protection against COVID 19 is to be fully vaccinated, including a booster. **Vaccinations are strongly encouraged** and are available free of charge through VSU Health Services and many local pharmacies. If you are experiencing COVID symptoms, use the free testing available at the Student Health Center; you may also obtain a test at many other locations around town. If you test positive, please **report your case using the COVID Self Reporting tool at the top of your MyVSU page**. If you must self-isolate or quarantine, follow the directions provided by Student Health after you have reported your COVID status.

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 lecture or lab you will be asked to leave. If your cell phone activates during lab you will be asked to leave and it will count as an unexcused absence. **If your cell phone activates during a lecture or lab 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. Please refer to the Valdosta State University, Department of Biology Plagiarism Policy.

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:	BIOL 4250	BIOL 6250
Lecture: 3 Exams @100 points each	: 300 points	: 300 points
Cumulative Final	: 200 points	: 200 points
4 Lab Exams @75 points each	: 300 points	: 300 points
4 PowerPoint Guides* @25 points each	: 100 points	: 100 points
Research Paper (BIOL 6250 only)		: 100 points
	TOTAL: 900 points	: 1000 points

- * **PowerPoint Guides:** Using the required software and a provided list of anatomical structures, students will be required to generate a PowerPoint study guide for each lab exam. **To be submitted on a flash drive prior to each lab exam.**
- Assigned work submitted late will **NOT** be graded.
- Make up examinations will only be given if an acceptable documented reason (determined by the instructor) is provided.
- 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, fill in the blank, diagrams, short answer and essays.

Tentative Laboratory Schedule

Lab #	Week Beginning	TOPIC
1	10 Jan	NO LAB
2	17Jan	Tissues
3	24 Jan	Axial Skeleton
4	31 Jan	Appendicular Skeleton
5	7 Feb	Lab Exam #1
6	14 Feb	Appendicular and Axial Musculature
7	21 Feb	Brain and Eye
8	28 Feb	Lab Exam #2
9	7 Mar	Sheep Heart
10	14 Mar	NO LAB – SPRING BREAK
11	21 Mar	Fetal Pig Vasculature
12	28 Mar	Fetal Pig Vasculature
13	4 Apr	Lab Exam #3
14	11 Apr	Fetal Pig Respiratory & Digestive Systems
15	18 Apr	Fetal Pig Urinary and Reproductive System and Kidney
16	25 Apr	Lab Exam #4

Tentative Lecture & Examination Schedule

Date	TOPIC	Chapter
11/1	Introduction and Terminology	1
13/1	Tissues	4
18/1	Tissues and Integumentary System	4, 5
20/1	Integumentary System	5
25/1	Bone	6
27/1	Bone	6
1/2	Axial and Appendicular Skeleton	7, 8
3/2	Axial and Appendicular Skeleton	7, 8
8/2	Articulations	9
10/2	EXAMINATION #1	
15/2	Articulations	9
17/2	Muscle	10
22/2	Axial and Appendicular Musculature	11, 12
24/2	Axial and Appendicular Musculature	11, 12
1/3	Nervous Tissue	14
3/3	Brain and Cranial Nerves	(MIDTERM) 15
8/3	Spinal Cord and Spinal Nerves	16
10/3	Autonomic Nervous System and Sense Organs	(WITHDRAWAL DEADLINE) 18, 19
14/3	NO CLASS: SPRING BREAK	
17/3	NO CLASS: SPRING BREAK	
22/3	Sense Organs and Endocrine System	19, 20
24/3	EXAMINATION #2	
29/3	Endocrine System	20
31/3	Circulatory System: Blood	21
5/4	Circulatory System: Heart	22
7/4	Circulatory System: Vessels	23
12/4	Respiratory System	25
14/4	Respiratory System and Digestive System	25, 26
19/4	Digestive System	26
21/4	Urinary and Reproductive Systems	27, 28
26/4	Urinary and Reproductive Systems	27, 28
28/4	EXAMINATION #3	
4/5	FINAL EXAMINATION 10.15 am – 12.15 pm	