

BIOL 4250/6250

Credit Hours 3-3-4

HUMAN ANATOMY

Department of Biology

Instructor: Dr. Timothy J. Fort
Phone: (229) 249-2643

Office: BC 1100
Email: tjfort@valdosta.edu

Office Hours: Monday 2.00pm – 5.00pm
Tuesday & Thursday 5.00pm – 6.00pm

Lecture: Tuesday & Thursday 11.00am – 12.15pm BC 1024

Laboratory: Section A: Wednesday 11.00am – 1.50pm BC 2070

Section B: Wednesday 2.30pm – 5.20pm BC 2070

Textbook with online Connect access:

Human Anatomy, 6TH Edition. M. McKinley, V. O’Loughlin & E Pennefather-O’Brien. McGraw-Hill.

Anatomy & Physiology Revealed: 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.

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 a lecture exam or lab practical you will be asked to leave and receive 0% for that exam or practical.**

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.

Non-Discrimination and Title IX Statement: Valdosta State University (VSU) upholds all applicable laws and policies regarding discrimination on the basis of race, color, sex (including sexual harassment and pregnancy), sexual orientation, gender identity or expression, national origin, religion, age, veteran status, political affiliation, or disability. The University prohibits specific forms of behavior that violate Title IX of the Education Amendments of 1972. Title IX of the Education Amendments of 1972 prohibits discrimination on the basis of sex in education programs and activities that receive federal funding. VSU considers sex discrimination in any form to be a serious offense. Title IX refers to all forms of sex discrimination committed against others, including but not limited to: sexual harassment, sexual assault, sexual misconduct, and sexual violence by other employees, students or third parties and gender inequity or unfair treatment

based on an individual's sex/gender. The designated Title IX Coordinator for VSU is Ms. Selenseia Holmes. To view the full policy or to report an incident visit: <https://www.valdosta.edu/administration/student-affairs/title-ix/>

Accommodations Statement: Students with disabilities who are experiencing barriers in this course may contact the Access Office (<https://www.valdosta.edu/student/disability/>) for assistance in determining and implementing reasonable accommodations. The Access Office is located in University Center Room 4136 Entrance 5. The phone numbers are 229-245-2498 (V), 229-375-5871. For more information, please visit VSU's Access Office or email: access@valdosta.edu. To request reasonable accommodations for pregnancy and childbirth, contact Ms. Myia Miller, Title IX Compliance Officer, at maburden@valdosta.edu. Please note, you will be required to provide documentation from an appropriately licensed medical professional indicating the requested accommodations are medically necessary.

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	19 Aug	NO LAB
2	26 Aug	Tissues
3	2 Sept	Axial Skeleton
4	9 Sept	Appendicular Skeleton
5	16 Sept	Lab Exam #1
6	23 Sept	Appendicular and Axial Musculature
7	30 Sept	Brain and Eye
8	7 Oct	Lab Exam #2
9	14 Oct	Sheep Heart
10	21 Oct	Fetal Pig Vasculature
11	28 Oct	Fetal Pig Vasculature
12	4 Nov	Lab Exam #3
13	11 Nov	Fetal Pig Respiratory & Digestive Systems
14	18 Nov	Fetal Pig Urinary and Reproductive System and Kidney
15	25 Nov	NO LAB – Thanksgiving
16	2 Dec	Lab Exam #4

Tentative Lecture & Examination Schedule

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