

**BIOL 4250**  
**Credit Hours 3-3-4**

**HUMAN ANATOMY**  
**Department of Biology**

**Instructor:** Dr. Timothy J. Fort  
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**Office Hours:** Thursday 11.00am – 1.00pm or by scheduled appointment.

<b>Lecture:</b>	Tuesday & Thursday	2.00pm – 3.15pm	BC 1025
<b>Laboratory:</b>	Wednesday	10.00am – 12.50pm	BC 2070
	Wednesday	2.00pm – 4.50pm	BC 2070

**Textbook:** Human Anatomy, 5<sup>th</sup> Edition. M. McKinley, V. O’Loughlin & E Pennefather-O’Brien. McGraw-Hill.

**Required Software:** Anatomy & Physiology Revealed 3.2: 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 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. By taking this course, you agree that all required course work may be subject to submission for textual similarity review to turnitin, a tool within BlazeVIEW.

**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.

**BIOL 4250 Assessment:**

Lecture: 3 Exams @100 points each	: 300	points
Cumulative Final	: 200	points
4 Lab Exams @75 points each	: 300	points
4 PowerPoint Guides* @25 points each	: 100	points
<b>TOTAL:</b>	<b>900</b>	<b>points</b>

-\* **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.

- Requirements for the PowerPoint Guides will be explained during the semester.

- 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**

DATE	TOPIC
<b>16 Jan</b>	<b>NO LAB</b>
<b>23 Jan</b>	Tissues
<b>30 Jan</b>	Axial Skeleton
<b>6 Feb</b>	Appendicular Skeleton
<b>13 Feb</b>	<b>Lab Exam #1</b>
<b>20 Feb</b>	Appendicular and Axial Musculature
<b>27 Feb</b>	Brain and Eye
<b>6 Mar</b>	<b>Lab Exam #2</b>
<b>13 Mar</b>	Sheep Heart
<b>20 Mar</b>	<b>NO LAB – SPRING BREAK</b>
<b>27 Mar</b>	Fetal Pig Vasculature
<b>3 Apr</b>	Fetal Pig Vasculature
<b>10 Apr</b>	<b>Lab Exam #3</b>
<b>17 Apr</b>	Fetal Pig Respiratory & Digestive Systems
<b>24 Apr</b>	Fetal Pig Urinary and Reproductive System and Kidney
<b>1 May</b>	<b>Lab Exam #4</b>

### Tentative Lecture & Examination Schedule

Date	TOPIC	Chapter
15/1	Introduction and Terminology	1
17/1	Tissues	4
22/1	Tissues and Integumentary System	4, 5
24/1	Integumentary System	5
29/1	Bone	6
31/1	Bone	6
5/2	Axial and Appendicular Skeleton	7, 8
7/2	Axial and Appendicular Skeleton	7, 8
12/2	Articulations	9
14/2	<b>EXAMINATION #1</b>	
19/2	Articulations	9
21/2	Muscle	10
26/2	Axial and Appendicular Musculature	11, 12
28/2	Axial and Appendicular Musculature	11, 12
5/3	Nervous Tissue	14
7/3	Brain and Cranial Nerves	15
12/3	Spinal Cord and Spinal Nerves	16
14/3	Autonomic Nervous System and Sense Organs	18, 19
19/3	<b>NO CLASS: SPRING BREAK</b>	
21/3	<b>NO CLASS: SPRING BREAK</b>	
26/3	Sense Organs and Endocrine System	19, 20
28/3	<b>EXAMINATION #2</b>	
2/4	Endocrine System	20
4/4	Circulatory System: Blood	21
9/4	Circulatory System: Heart	22
11/4	Circulatory System: Vessels	23
16/4	Respiratory System	25
18/4	Respiratory System and Digestive System	25, 26
23/4	Digestive System	26
25/4	Urinary and Reproductive Systems	27, 28
30/4	Urinary and Reproductive Systems	27, 28
2/5	<b>EXAMINATION #3</b>	
8/5	<b>FINAL EXAMINATION 2.45pm – 4.45pm</b>	