

**BIOL 2652**  
**Credit Hours 3-2-4**

**ANATOMY AND PHYSIOLOGY II**  
**Department of Biology**

**Instructor:** Arielle Hunt                      **Email:** arhunt@valdosta.edu

**Office Hours:** Email; In person- By appointment only

**Lecture:** Tuesday/Thursday 3:30 pm – 4:45 pm                      BC 2022

**Laboratory:** Monday 2:00 pm – 3:50 pm                      BC 1203

**Textbook:** Principles of Anatomy and Physiology, 12<sup>th</sup>, 13<sup>th</sup> or 14<sup>th</sup> Edition  
Tortora, G.J. and Derrickson, B.

**Lab Manual Online:** Available free online: <http://blog.valdosta.edu/AP2>

**Lab Manual Hard Copy:** **(OPTIONAL)** Laboratory Manual for Anatomy and Physiology, 3<sup>rd</sup> Edition  
Loughry, M.J. and Smith, M.E.

**Course Description:** A continuation of human anatomy and general physiological principles with emphasis on endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive systems; and development.

**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 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 mandatory. There will be unannounced in-class participation activities as decided by the instructor and the points will go toward the final grade. By attending all classes, a student will earn the full in-class participation points. 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 all lectures and labs will be recorded. Students who attend less than 50% of all lectures are not eligible for any potential extra credit that may be offered.

**Conduct:** Students are expected to arrive on time and behave with respect in both lectures and laboratories. Students should not talk during lectures. Always ask for clarification if you do not hear something or do not understand something- this is why the instructor is here. Use of cell phones during lectures and laboratories is not permitted. Cell phones must be silent and put away during lectures and laboratories. If your cell phone is seen or heard during a lecture you will be asked to leave. If your cell phone is seen or heard during an exam you will be asked to leave and receive 0% for that exam. If an emergency arises and you must leave class or make a phone call, please speak with the instructor before stepping out.

**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](mailto: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](mailto: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.

**Lab Dissection Kit:** Available for purchase from the bookstore. You will need to bring this to lab each week.

**Lab Specimens:** Sheep heart and fetal pig. Specimens will be 1 per 2 students, so you will need to identify a lab partner prior to the beginning of the dissections.

<b>Assessment:</b>	Lecture:	4 of 5 Exams @ 100 points each	:	400 points
		In-Class Participation Activities	:	25 points
	Laboratory:	3 Practicals @ 50 points each	:	150 points
		Laboratory Assignments	:	<u>50 points</u>
		Total	:	625 points

**- There are no lecture examination or laboratory 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, true/false, fill in the blank, diagrams and short answers. Each lecture examination (total of 4) will be worth 100 points. The final exam in this class will be optional and used to replace the lowest lecture exam grade. If a student wishes to have all 4 of their lecture exam scores go toward their final grade then they do not have to take the final exam. Sitting for the final exam can only help your grade.

## Tentative Lecture and Examination Schedule

**Section I: Endocrine & Cardiovascular Systems (Chapters 18-20) 8 lectures**

**EXAM #1     February 7th**

**Section II: Cardiovascular, Immune & Respiratory Systems (Chapters 21-23) 8 lectures**

**EXAM #2     March 9th**

**Section III: Digestive System, Metabolism & Urinary System (Chapters 24-26) 6 lectures**

**EXAM #3     April 11th**

**Section IV: Body Fluids, Reproduction & Development (Chapters 27-29) 5 lectures**

**EXAM #4     May 2nd**

**FINAL EXAM:     Friday May 5<sup>th</sup>, 2:45 pm – 4:45 pm (OPTIONAL)**

## Laboratory Schedule

Week Beginning	Topic
<b>Jan. 9<sup>th</sup></b>	<b>NO LAB SCHEDULED</b>
<b>Jan. 16<sup>th</sup></b>	<b>MLK Holiday, NO LAB SCHEDULED</b>
<b>Jan. 23<sup>rd</sup></b>	Blood Physiology
<b>Jan. 30<sup>th</sup></b>	Heart Physiology
<b>Feb. 6<sup>th</sup></b>	Heart Anatomy
<b>Feb. 13<sup>th</sup></b>	Fetal Pig Blood Vessels
<b>Feb. 20<sup>th</sup></b>	Fetal Pig Blood Vessels
<b>Feb. 27<sup>th</sup></b>	Fetal Pig Blood Vessels & Review
<b>Mar. 6<sup>th</sup></b>	<b>LAB PRACTICAL #1</b>
<b>Mar. 13<sup>th</sup></b>	<b>Spring Break: NO LAB SCHEDULED</b>
<b>Mar. 20<sup>th</sup></b>	Fetal Pig Digestive System
<b>Mar. 27<sup>th</sup></b>	Respiratory Physiology & Fetal Pig Respiratory System
<b>Apr. 3<sup>rd</sup></b>	<b>LAB PRACTICAL #2</b>
<b>Apr. 10<sup>th</sup></b>	Fetal Pig Urinary & Reproductive Systems
<b>Apr. 17<sup>th</sup></b>	Review For Cumulative Lab Practical
<b>Apr. 24<sup>th</sup></b>	<b>LAB PRACTICAL #3 (Comprehensive)</b>