

BIOL 2652
Credit Hours 3-2-4

ANATOMY AND PHYSIOLOGY II
Department of Biology

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

Office: BC 1100
Email: tjfort@valdosta.edu

Office Hours: Wednesday 12.00pm – 2.00pm or by appointment

Lecture: Monday/Wednesday 3.30pm – 4.45pm BC 1011

Laboratory:

Section A: Monday	12.00pm – 1.50pm	BC 1203
Section B: Tuesday	10.30am – 12.20pm	BC 1203
Section C: Tuesday	2.00pm – 3.50pm	BC 1203
Section D: Tuesday	4.00pm – 5.50pm	BC 1203

Textbook: Principles of Anatomy and Physiology, 12th, 13th or 14th 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, 3rd 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 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 may 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 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.

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. Buckets containing the specimens will be allocated at 1 bucket per 2 students, so you will need to identify a lab partner prior to the beginning of the dissections.

Assessment:	Lecture: 4 Exams @ 100 points each	: 400 points
	Laboratory: 3 Practicals @ 50 points each	: 150 points
	Laboratory Assignments	: <u>50 points</u>
	Total	: 600 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 will be worth 100 points as will the optional final examination. If you take the final examination, I will drop the lowest of the five exam scores when calculating your grade.

Tentative Lecture and Examination Schedule

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

EXAM #1 6th February

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

EXAM #2 6nd March

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

EXAM #3 10th April

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

EXAM #4 1st May

FINAL EXAM: Thursday MAY 5th, 2.45pm – 4.45pm (OPTIONAL)

Laboratory Schedule

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