

The course syllabus and schedule provide a general plan for the course; deviations are likely and may be necessary.

BIOL 2252 Human Anatomy and Physiology II

Spring Semester 2023
Valdosta State University

Instructor: Dr. Adam Safer

Office: BSC 1211

Office Hours: Monday and Wednesday 12:00pm-2:00pm and by appointment

Phone: 229.333.6001 (*please email first*)

E-mail: absafer@valdosta.edu

Email is my preferred method of communication. Please allow 24 hours for me to respond.

Lectures: Monday and Wednesday at 2:00-3:15pm in Converse Hall 01204

Labs: All labs meet in Bailey Science Center 1203 – check your schedule for the section you are in.

Section A Thursday 10:00am-11:50am

Section B Thursday 2:00pm-3:50pm

Section C Thursday 4:00pm-5:50pm

Section D Friday 9:00am-10:50am

Section E Friday 11:00am-12:50pm

You will need a dissection kit that can be purchased at the VSU bookstore.

Text: Principles of Anatomy and Physiology, (14th, 15th or 16th edition), by G. J. Tortora & B. Derrickson, John Wiley & Sons.

Lab Manual: (*Optional hard copy*) Laboratory Manual for Human Anatomy and Physiology, 3rd ed., Smith and Loughry, Burgess Publishing.

The lab manual and materials are available free online at:

<https://blog.valdosta.edu/ap2/>

<https://mypages.valdosta.edu/dodrobin/>

Course Description: BIOL 2252. Human Anatomy and Physiology II. 4 Hours.

Prerequisite: BIOL 2251. A continuation of human anatomy and general physiological principles with emphasis on endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, reproductive systems, and development.

Course Goals and Learning Outcomes:

1. To learn and develop a working knowledge of anatomic terminology.
2. To understand the basic organization (i.e. anatomy) of the human body.
3. To learn chemical and physiologic principles as they apply to the human body.
4. To learn the structure and function of endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive systems of the human body at the chemical, cellular, tissue, and gross levels as well as the basic principles of development.

This course is associated with the following VSU educational outcomes:

VSU Biology Department outcomes 1, 3, and 4

University general outcomes 3, 4, 5, and 7

Attendance: Be on time for class and lab. You are expected to attend all lecture and lab sessions. To get the most from any course, you should attend all the scheduled classes and laboratory periods. The only way to really know what is going on in class is to show up. The undergraduate catalog states that a student, whether/online or face-to-face, a student who misses or does not participate in more than 20% of the scheduled course or course activities could be subject to receiving a failing grade in the course. The full attendance/absence regulations are available in the online catalog at <http://catalog.valdosta.edu/undergraduate/academic-affairs/>

Academic Honesty: Plagiarism and cheating are considered forms of dishonesty and are violations of the university's policy on academic honesty. If you are caught plagiarizing or cheating you will receive a "0" for that test or assignment. As a result, academic and disciplinary, action may be taken. Please take time to familiarize yourself with the academic honesty policy here at VSU. For more information visit <https://www.valdosta.edu/academics/academic-affairs/academic-honesty-at-vsu.php>

Disruptive Behavior: Please note that the following behaviors are considered disruptive:

1. Socializing during class - Students pay money to learn. Talking during presentations and lectures is not only disrespectful to fellow students and the instructor, but also considered disruptive behavior. This includes cell phone use and texting.
2. Disrupting class by noisily arriving late
3. Leaving before the end of class
4. Arguing or speaking to fellow students or the professor in a disrespectful manner
5. Sleeping
6. Noisily eating or opening packages of food

For more information please refer to the Student Code of Conduct at <https://www.valdosta.edu/administration/student-affairs/student-conduct-office/student-handbook.php>

Students with Disabilities: 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 Christina Kidd, Student Conduct Coordinator at chkidd@valdosta.edu. Please note, you will be required to provide documentation from an appropriately licensed medical professional indicating the requested accommodations are medically necessary.

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 Mr. Darius Thomas. To view the full policy or to report an incident visit: <https://www.valdosta.edu/administration/student-affairs/title-ix/>

Extra Help with Coursework-The Academic Support Center (ASC): The Academic Support Center (ASC) provides free peer tutoring in core curriculum courses, including, math, writing, sciences, social sciences, humanities, and foreign languages. The ASC also provides supplemental instruction (tutor-led study group sessions) for historically difficult courses like biology, chemistry, geosciences, psychology and sociology, as well as academic success workshops. New for fall 2018: 24/7 access to online tutoring through ThinkingStorm, which includes Writing Center where you can submit drafts for feedback and get help with core courses when the ASC is closed. Visit the ASC office on the main campus, located on the 2nd floor of Odum Library, or call 229-333-7570 for an appointment, or visit the website where you can make appointment for yourself (www.valdosta.edu/asc).

GRADING SCHEME

Grades will be based on the following:

Exams

800 points

There will be 6 exams, including an optional comprehensive final exam, during the semester worth 160 points each, totaling 800 points. Note the 800 points. I am dropping your lowest exam grade; I am counting the best 5 out of 6 grades. Exams may include multiple choice, short answer, true-false, matching or essay questions. Exams may be given in class or online.

Since I am dropping your lowest exam grade there are no make-up exams.

Laboratory

200 points

There will be 3 lab practicals worth 100 points each, totaling 200 points. Note the 200 points. I am dropping your lowest practical grade; I am counting the best 2 out of 3 practical grades. **The last lab practical is comprehensive.**

Since I am dropping your lowest lab practical grade there are no make-up practicals.

Total Points for the course 1000

- A 900 (90% - 100%)
- B 800-899 (80% - 89%)
- C 700-799 (70% - 79%)
- D 600-699 (60% - 69%)
- F Below 600 (below 60%)

Official Midterm: March 2, 2023; **Withdrawal Deadline:** March 9, 2023

Please note: according to federal law an individual's grades will not be released to anyone but that individual. For more information refer to the Family Educational Rights and Privacy Act (FERPA) of 1974.

Tentative Lecture Schedule

Topic	Chapter
The Cardiovascular System: The Blood	19
The Cardiovascular System: The Heart	20
The Cardiovascular System: Blood Vessels and Hemodynamics	21
The Respiratory System	23
The Endocrine System	18
The Lymphatic and Immune Systems	22
The Digestive System	24
Fluid, Electrolyte, and Acid-Base Homeostasis	27
The Urinary System	26
The Reproductive System	28

Lecture Test Dates (Tentative Schedule)

Lecture Exam I 2/01/2023
Lecture Exam II 2/22/2023
Lecture Exam III 3/08/2023
Lecture Exam IV 4/05/2023
Lecture Exam V 4/26/2023

Comprehensive Final Exam
5/02/2023 at 2:45pm

Tentative Lab Schedule

<u>Date:</u>		<u>Topic:</u>
January	12, 13	NO LAB
	19, 20	Intro/Blood physiology
	27, 27	Blood physiology
February	2, 3	Heart physiology
	9, 10	Heart anatomy
	16, 17	Fetal pig blood vessels
	23, 24	Fetal pig blood vessels (cont.)
March	2, 3	Fetal pig blood vessels (cont.); Review
	9, 10	Lab Exam I
	16, 17	Spring Break: NO LAB
	23, 24	Fetal pig digestive system
	30, 31	Fetal pig respiratory system & Respiratory physiology
April	6, 7	Lab Exam II
	13, 14	Fetal pig urinary & reproductive systems
	20, 21	Review for cumulative lab exam
	27, 28	Lab Exam III (cumulative)

SOI Statement: At the end of the term, all students will be expected to complete an online Student Opinion of Instruction survey (SOI) that will be available through SmartEvals. Students will receive an email notification through their VSU email address when the SOI is available (generally at least one week before the end of the term). SOI responses are anonymous to instructors/administrators, and they will be able to access results only after they have submitted final grades. Before final grade submission, instructors will not be able to see any responses, but they can see the percentage of students who have or have not completed their SOIs. While instructors will not be able to see student names, an automated system will send a reminder email to those who have yet to complete their SOIs. Students who withdraw or drop a course will also be sent invitations to complete the Dropped Course Survey. Complete information about the SOIs, including how to access the survey, is available on the [SOI Procedures webpage](#).