

**Biology 2652**  
**Human Anatomy and Physiology II**  
**Summer Semester 2017**

**Instructor:** Dr. Teresa H. Doscher

**Office:** Bailey Science Building 1098

**Office Hours:** Monday and Wednesday 11:00 – 11:30 am or by appointment

**Phone:** Office 333-5769, Biology Dept. 333-5759

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**Midterm:** July 3, 2017. This is the last day to drop this course and receive a withdrawal grade (W).

**Credit Hour:** 4

**Lecture Hours:**            Sections AB    MTWR                    9:35 – 11:00 am            BC 1023

**Lab Hours:**                Section A        TR                    11:10 – 1:00 pm            BC 1203  
                                  Section B        TR                    1:10 – 3:00 pm            BC 1203

**Course Description:**

**Bio 2652 Human Anatomy and Physiology II**

**Prerequisite:** **BIOL 2651.** A continuation of human anatomy and general physiological principles with emphasis on the following: cardiovascular, lymphatic, respiratory, digestive, excretory and reproductive systems, plus development.

**Course Goals:** This course builds on the anatomical information discussed in BIOL 2651 by examining all the major human physiological systems. Educational outcomes associated with this course include nos. 1, 3, and 4 as specified by the VSU Biology Department and nos. 3, 4, 5, and 7 of the general outcomes specified by the University.

**Text:** Principles of Anatomy and Physiology, 13<sup>th</sup>, 14<sup>th</sup> or 15<sup>th</sup> edition, by G. J. Tortora & B. Derrickson, John Wiley & Sons.

**Lab Manual:** **Optional.** Laboratory Manual for Human Anatomy and Physiology, 3<sup>rd</sup> ed., Smith and Loughry, Burgess Publishing. All lab exercises are also available from the course website.  
<http://www.valdosta.edu/~jloughry/BIOL2652/BIOL2652Labs.htm>

**Laboratory Kit:** Can be purchased from VSU Bookstore if you do not already own one; must be brought to each lab dissection class.

**Laboratory Specimens:** You will not need to purchase a sheep heart and fetal pig for lab dissection. They will be provided for you. You may want to purchase latex surgical gloves for use during the dissection labs since gloves are not provided.

**Cheating and Plagiarism:** Cheating is not permitted and will not be tolerated. Any student caught cheating will be dealt with using the standard University policy. Please refer to the current VSU Student Handbook Code of Ethics for policies concerning cheating and plagiarism.

**Disruptive Behavior:** The academic community is under a strong obligation to protect the campus community from disorderly, disruptive, or obstructive actions which interfere with academic pursuits of teaching, learning and other campus activities. Therefore, any disruptive behavior in the classroom or laboratory that interferes with the teaching of the material or disturbs other students or faculty will not be tolerated. Any student that disrupts the class will be removed from the class and possibly dropped from the course. This student will also forfeit any points toward his or her grade from that day and will not be able to make up the class or lab. Refer to the Undergraduate Catalog for more information.

**TEXTING OR USING YOUR PHONE WILL NOT BE TOLERATED DURING CLASS!**  
**YOU WILL BE ASKED TO LEAVE THE CLASS IF THIS POLICY IS BROKEN!**

**Family Educational Rights and Privacy Act of 1974:** It is illegal to release personal information about an individual to others. **Grades, averages, and other information will not be released to anyone but that individual; therefore, no grades will be posted or given out over the phone or email.**

**Students with Disabilities:** Students requesting classroom accommodations or modifications due to a documented disability must contact the Access Office for Students with Disabilities located in the Farber Hall. The phone numbers are 245-2498 (V/VP) and 219-1348 (TTY).

**Strategies Used to Support Learning :** The Student Success Center: The Student Success Center (SSC) provides free peer tutoring in core courses, the top four of which are math, writing, Spanish, and biology/chemistry. It also offers Regents' Test Preparation, time management, and study skills workshops as well as provides free professional academic advising and on-campus job information in one location: Langdale Residence Hall above the Tech shop. Help is available to all VSU students. Call 333-7570 to make an appointment, or visit the website: [www.valdosta.edu/ssc](http://www.valdosta.edu/ssc).

## **COURSE POLICIES**

### **Lecture**

**Attendance:** You are expected to attend all lectures. If you miss a lecture, you are responsible for obtaining the notes and any handouts that may be given that day. As per University policy; a student who misses more than 20% of the scheduled classes of a course will be subject to receiving a failing grade in the course. If any student signs the attendance sheet for another student who is absent, this is considered cheating and will be dealt with accordingly.

**Grading:** Five (5) lecture exams will be given during the semester and a cumulative final exam. **If you miss an exam, you must notify me before 5:00pm the day of the test or you will forfeit your opportunity for a make-up exam. There must be a valid reason or the make-up exam will be forfeited.** The instructor is the final judge of what is an acceptable excuse. **You can only make up one (1) exam.**

**There will be no exceptions to these rules.**

### **Laboratory**

**Attendance:** You are expected to attend all labs. Lab exercises cannot be made up; therefore, it is imperative that you attend. As per University policy; a student who misses more than 20% of the scheduled classes of a course will be subject to receiving a failing grade in the course.

**Grading:** Three (3) laboratory practical exams will be given during the semester. Stations will be set up for identification of specimens, models, slides, etc. You will also turn in assignments from some of the labs. If you do not attend the labs, you will not be able to turn in the assignments and will receive a zero on the assignment. You will not be able to make up a missed lab.

**NO MAKE-UP LABORATORY EXAMS WILL BE GIVEN!!!!**

**Reading Assignments:** Reading assignments for lecture and lab exercises should be completed prior to coming to class. Assigned reading may be on the exam even if it is not specifically covered in lecture.

**Homework Assignments:** Homework assignments will occasionally be given. These are to assist you in your learning; not as busy work. The assignments are to be turned in by the specified time. **Late homework will not be accepted.**

**TENTATIVE LECTURE OUTLINE  
SUMMER SEMESTER 2017**

<b><u>Topic</u></b>	<b><u>Text Chapter</u></b>
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 Systems	28

**Lecture Exam Schedule - This is a tentative schedule subject to change.**

Exam 1 - Thursday, June 15, 2017	Chapters 19 & 20
Exam 2 - Monday, June 26, 2017	Chapters 21 & 23
Exam 3 – Thursday, July 6, 2017	Chapters 18 & 22
Exam 4 - Monday, July 17, 2017	Chapters 24 & 27
Exam 5 - Monday, July 25, 2017	Chapters 26 & 28
<b>Final Exam - Thursday, July 27, 2017 10:15 am - 12:15 pm</b>	<b>Comprehensive</b>

**Lab Schedule**  
**Biol 2652 Human Anatomy and Physiology II**  
**Summer 2017**

<u>Date</u>	<u>Topic</u>	<u>Lab Chapters</u>
June 8	Cardio Physiology: Blood Typing, Pulse, BP	10, 11
June 13	Sheep Heart Dissection	12
June 15	Fetal Pig Circulatory System - Anterior	13
June 20	Fetal Pig Circulatory System - Posterior	13
June 22	Fetal Pig Circulatory System and Sheep Heart Review	12, 13
June 27	<b>Lab Practical I</b>	
June 30	Fetal Pig Digestive and Immune Systems	14, 17
July 4	NO LAB	
July 6	Fetal Pig Respiratory System	18
July 11	<b>Lab Practical II</b>	
July 13	Fetal Pig Urinary and Reproductive Systems	19
July 18	Fetal Pig Urinary and Reproductive Systems	19
July 20	<b>Lab Practical III</b>	

**FINAL GRADES FOR BIOL 2652 HUMAN ANATOMY AND PHYSIOLOGY II**

Final grades will be determined as follows:

**Lecture Exams**

Lecture Exam I	100 pts.
Lecture Exam II	100 pts.
Lecture Exam III	100 pts.
Lecture Exam IV	100 pts.
Lecture Exam V	100 pts.
Final Exam	100 pts.

**Final Grades**

A	786 - 875 pts. (90 - 100%)
B	700 - 785 pts. (80 - 90%)
C	613 - 699 pts. (70 - 80%)
D	525 - 612 pts. (60 - 70%)
F	Below 525 pts. (below 60%)

**Lab Practicals**

Lab Practical I	75 pts
Lab Practical II	75 pts
Lab Practical III	75 pts

**Lab/Homework Assignments**

(Possibly more points)

5 x 10 pts each	50 pts
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<b>Total Points</b>	<b>875points</b>
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June				
Monday	Tuesday	Wednesday	Thursday	Friday
			1	2
5	6	7 <b>FIRST DAY OF CLASS!</b> <b>BE HERE!!!</b> Lecture: Blood	8 Lecture: Blood Lab: Blood Typing, Pulse Rate & Blood Pressure	9
12 Lecture: Blood and Heart	13 Lecture: The Heart Lab: Unit 12 Sheep Heart Dissection	14 Lecture: The Heart	15 <b>EXAM 1</b> Chapters 19 & 20 Lab: Unit 13 Circulatory: Anterior	16
19 Lecture: Blood Vessels	20 Lecture: Blood Vessels Lab: Unit 13 Circulatory: Posterior	21 Lecture: Respiratory	22 Lecture: Respiratory Lab: Unit 12 & 13 Circulatory Review	23
26 <b>EXAM 2</b> Chapters 21 & 23	27 Lecture: Endocrine Lab Practical 1 Sheep Heart and Pig Circulatory System	28 Lecture: Endocrine and Lymphatics	29 Lecture: Lymphatics Lab: Unit 14 & 17 Digestive System	30

July				
Monday	Tuesday	Wednesday	Thursday	Friday
3 MIDTERM NO LECTURE	4 	5 Lecture: Lymphatics	6 <b>EXAM 3</b> Chapters 18 & 22 Lab: Unit 18 Respiratory System	7
10 Lecture: Digestive	11 Lecture: Digestive Lab Practical 2 Digestive, Immune and Respiratory	12 Lecture: Digestive	13 Lecture: Digestive and Fluids Lab: Unit 19 Urinary & Reproductive	14
17 <b>EXAM 4</b> Chapters 24 & 27	18 Lecture: Urinary Lab: Unit 19 Urinary & Reproductive Review all structures	19 Lecture: Urinary and Reproduction	20 Lecture: Reproduction Lab Practical 3 Urinary, Reproductive and cumulative	21
24 Lecture: Reproduction	25 <b>EXAM 5</b> Chapters 26 & 28	26	27 Final Exam Cumulative 10:15 - 12:15	28