

**BIOL 2652**  
**HUMAN ANATOMY AND PHYSIOLOGY II**  
**SECTIONS: A,B,C,D**  
**FALL SEMESTER 2009**

**DEPT. OF BIOLOGY; COLLEGE OF ARTS & SCIENCES; VALDOSTA STATE UNIV.**  
**CREDIT HOURS: 4**

**INSTRUCTOR:** Dr. Michael E. Smith

**OFFICE:** BSC 2085

**OFFICE HOURS:** M:12:00-1:30; T:11:30-12:00; by appointment; or stop by my office.

**PHONE:** 333-7175 (Office)  
333-5759 (Biology Dept. Office)  
Please do not call me at home!

**EMAIL:** mesmith@valdosta.edu

**LECTURE HOURS:** M,W:2:00-3:15 BSC 1023

<b>LAB HOURS (SECTION):</b>	<b>SECTION A:</b>	<b>M:10:00-11:50</b>	<b>BSC 2045</b>
	<b>SECTION B:</b>	<b>T:9:30-11:20</b>	<b>BSC 2045</b>
	<b>SECTION C:</b>	<b>T:2 :00-3 :50</b>	<b>BSC 2045</b>
	<b>SECTION D:</b>	<b>W:11 :00-12 :50</b>	<b>BSC 2045</b>

**Students MUST attend the lab section in which they are OFFICIALLY ENROLLED.**

**REQUIRED TEXT:** Principles of Anatomy and Physiology, 12th ed., 2008, Tortora and Derrickson, John Wiley & Sons, Inc.

**LAB MANUAL (OPTIONAL):** Laboratory Manual for Human Anatomy and Physiology, 3<sup>rd</sup> ed., 2002, Smith and Loughry, Pearson Publishing. All lab exercises are also available from the following website– <http://www.valdosta.edu/~jloughry/BIOL2652/htm>

**LAB KIT/GLOVES:** A dissecting kit is available in the VSU Bookstore if you do not already have one: it must be brought to lab for dissections. **YOU** must provide your own latex gloves.

**LAB SPECIMENS:** A sheep heart, fetal pig and sheep kidney are provided by the department, as part of your lab fee for the course. Plastic buckets with preservative and specimens will be distributed to pairs of students; thus, you will work with a lab partner.

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

**Prerequisite:** BIOL 2651.

If you received a failing grade (F) in BIOL 2651, see me immediately after the first

class.

**COURSE OBJECTIVES/EDUCATIONAL OUTCOMES:**

Valdosta State University (VSU) Department of Biology educational outcomes for this course include: numbers 1, 3, and 4. University (VSU) educational outcomes for this course include: numbers 3, 4, 5, and 7.

**ALL LECTURE AND LAB SCHEDULES ARE TENTATIVE, INCLUDING EXAMS AND PRACTICALS.** Thus, they may be subject to change.

**TENTATIVE LECTURE SCHEDULE:**

<b><u>TOPIC</u></b>	<b><u>TEXT CHAPTER</u></b>
Endocrine System	18
The Cardiovascular System: The Blood	19
The Cardiovascular System: The Heart	20
The Cardiovascular System: Blood Vessels and Hemodynamics	21
The Lymphatic System and Immunity	22
The Respiratory System	23
The Digestive System	24
Metabolism and Nutrition	25
The Urinary System	26
Fluid, Electrolyte, and Acid-Base Homeostasis	27
The Reproductive Systems	28
Development and Inheritance	29

We will cover as many of these chapters as possible. The pace at which we proceed, and the number of chapters covered, varies depending on several factors including any unforeseen circumstances that may result in the Professor's absence (such as illness, meetings, etc.).

**TENTATIVE LECTURE EXAM SCHEDULE:**

**EXAM I:** Monday September 14

**EXAM II:** Wednesday October 7

**EXAM III:** Monday November 9

**EXAM IV:** Wednesday December 9 (During Final Exam Time: 12:30-2:30 PM)

I will announce changes, if any, well in advance of the listed exam date. Exams will never be moved to an earlier day; you should plan to take exams on the dates listed above unless otherwise announced in lecture. **Exam IV is not comprehensive, and must be given during the final exam date and time; it cannot be changed according to University policy.**

**TENTATIVE LABORATORY SCHEDULE: INCLUDING PRACTICALS**

<b><u>WEEK OF:</u></b>	<b><u>TOPIC</u></b>
AUG. 17	<b>NO LABS</b>
AUG. 24	Blood Physiology
AUG. 31	Heart Anatomy
SEPT. 7	<b>NO LABS: LABOR DAY</b>
SEPT. 14	Fetal Pig Blood Vessels
SEPT. 21	Fetal Pig Blood Vessels (continued)
SEPT. 28	Fetal Pig Blood Vessels (continued); REVIEW
OCT. 5	<b>LAB PRACTICAL I</b>
OCT. 12	Heart Physiology
OCT. 19	<b>NO LABS: FALL BREAK</b>
OCT. 26	Fetal Pig Digestive System
NOV. 2	Fetal Pig Respiratory System
NOV. 9	Fetal Pig Urinary & Reproductive Systems (♂ & ♀)
NOV. 16	Fetal Pig Urinary & Reproductive Systems (♂ & ♀) REVIEW
NOV. 23	<b>NO LABS: THANKSGIVING</b>
NOV. 30	<b>LAB PRACTICAL II</b>
DEC. 7,8	<b>NO LABS</b>

## **COURSE POLICIES**

You are expected to attend all lectures and labs, but attendance is not considered in grading policies. If a lecture is missed, **you** are responsible for obtaining notes (this means **do not ask me for MY notes!**). Lab exercises and practicals **cannot** be made up; therefore, it is imperative you attend. Reading of the appropriate lecture chapters and lab exercises should be completed prior to coming to class.

**Assigned text material** may be on the lecture exams; I will inform you during lecture of the specific topics, tables, figures, and/or text pages for which you will be responsible.

## **GRADING POLICIES/ASSESSMENT**

**Lecture:** Four (4) lecture exams will be given during the semester, including the final exam. The final exam will **not** be comprehensive. Each lecture exam is worth 20% of your final grade; lecture in total accounts for 80% of your final grade. **Make-up exams are not an automatic right;** you must notify me within **24** hours of the missed exam, and provide a **valid reason**, or you will forfeit your opportunity for a make-up. The professor is the final judge of what is an acceptable excuse. You can only make up **one** exam.

You **must** turn off **CELL PHONES, PAGERS, or ANY OTHER TYPE OF COMMUNICATION DEVICE BEFORE ENTERING LECTURE AND LAB**

Anyone accessing these devices **DURING AN EXAM** will be given a zero for that exam grade. The student may be subject to further discipline, up to and including, permanent dismissal and failure of the class. **There will be no exceptions to the rules stated in this paragraph and the two paragraphs immediately preceding it.**

**MIDTERM: Thursday, OCTOBER 8** is the last day to drop the class with a passing grade (WP) regardless of your point total. You cannot drop the class after midterm unless there are extenuating circumstances that must be acceptable to the Professor of the class, Biology Dept. Head, Dean of Arts and Sciences, and Vice President for Academic Affairs.

**Laboratory:** Two (2) laboratory exams will be given during the semester. Laboratory exams will be “practicals”. Stations will be set up for identification of specimens. **No make-up exams can, or will, be given.** There are also two hand-in assignments worth 10 points each.

Total lab points (PRACTICALS and HAND-IN ASSIGNMENTS = 220 points) are converted to the equivalent of one lecture exam (100 points possible). Thus, **lab is worth 20% of your final grade.** Lecture and lab are **not** separate grades; one grade is given for the course.

**Final grades for the course are based on total points earned in lecture and lab:**

450 and above (90-100%) =A

400-449 (80-89%) =B

350-399 (70-79%) =C

300-349(60-69%) =D

299 and below (below 60%) =F

**Cheating:** Cheating is not permitted. Standard University policy will be instituted for anyone caught cheating. Accessing cell phones, pagers, and other electronic communication devices during an exam will be assumed to constitute possible cheating and will result in punitive measures. Read the Student Handbook on this, and the next four topics, for further details.

**Family Educational Rights and Privacy Act of 1974 (FERPA):**

**By law,** it is not legal to release personal information about an individual to others. This means grades, averages, test scores, and other information can only be released to that individual; thus, **exam scores, point totals, or final grades will not be issued in ANY unsecure manner, such as being posted, given verbally via telephone, or emailed. This is to ensure your privacy.** Emails inquiring about the matters listed above will be politely ignored.

**Students with Disabilities:** Students requiring classroom accommodations or modifications because of **documented** disabilities should discuss these needs with the professor at the beginning of the semester. Disabled students not registered with the Access Office for Students with Disabilities should contact the program officer for appropriate documentation.

**Discrimination and Sexual Harassment:** No student shall engender or create an atmosphere of discrimination based on race, ethnicity, religious beliefs, gender, sexual orientation, or other factors. No student shall sexually harass any individual(s). Discrimination and/or sexual harassment will not be tolerated in the classroom or laboratory. Students violating this policy will be reported to the: Head of the Biology Department, Dean of Students, Dean of Arts and Sciences, Vice President for Academic Affairs, and the President of VSU.

**Plagiarism:** The Biology Department policy on plagiarism can be accessed via the departmental website. You must do your own lab assignments; these are **NOT** group projects.

**Disclaimer:** Any typographical errors or inconsistencies in this syllabus should be reported to the Professor immediately. I will provide an emended syllabus (or portion thereof that is in error) to you in a timely manner.