

ANATOMY AND PHYSIOLOGY

Biology 201 Lecture Syllabus
Summer2007

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COURSE DESCRIPTION:

Study of structure and function of the human body. Topics include cells, tissues, integumentary system, skeletal system, muscular system, and nervous system.

- Describe and apply anatomical terminology
- Describe multicellular organization
- Distinguish and describe major tissue types
- Describe the structure and function of the integumentary system
- Describe the structure and function of the skeletal system
- Describe the structure and function of the muscular system
- Describe the structure and function of the nervous system
- Define homeostasis and describe specific examples for the integumentary, skeletal, muscular, and nervous systems

<u>WEEK</u>	<u>DATE</u>	<u>LECTURE TOPIC</u>
1	June 4	The Human Organism Membrane Transport
	June 6	Histology: The Study of Tissues Integumentary System
2	June 11	Exam 1
	June 13	Skeletal System: Bones and Bone Tissue
3	June 18	Articulation and movement
	June 20	Exam 2
4	June 25	Muscular System: Histology and Physiology

	June 27	Muscular System: Histology and Physiology
5	July 2	Exam 3
	July 4	No Class
6	July 9	Functional Organization of Nervous Tissue Spinal Cord and Spinal Nerves
	July 11	Brain and Cranial Nerves
7	July 16	Exam 4
	July 18	Autonomic Nervous System Integration of Nervous System
8	July 23	Special Senses
	July 25	Exam 5

The above schedule is tentative and may be changed if necessary.

Cadaver Program

1. The anatomy and physiology program at Phoenix College uses cadaver demonstrations and animal organ dissections as part of the laboratory experience.
2. These activities are a required part of the course. If you feel that you might have difficulties with this aspect of the class, please talk with me immediately. It may be necessary to enroll you in a different course.

Textbook:

Anatomy and Physiology (7th ed.) by Seeley, Stephens, and Tate. It is highly recommended that you bring the textbook to lab because it has many useful illustrations.

Reading Assignments for Lecture

<u>Exam</u>	<u>Assignment</u>
1	Chapter 1 Chapter 3 (p. 61-62, p. 66-74, and p. 76) Chapter 4 Chapter 5
2	Chapters 6,7,8
3	Chapters 9,10
4	Chapters 11,12,13
5	Chapters 14,15,16

Study Guide Assignments

1. Know the Content Learning and Quick Recall sections for each chapter.
2. **Please note that a significant portion of the exams is taken directly from the study guide.**

Point Distribution:

1. There will be a total of approximately 886 points possible.

Assignment	Number	Points	Total
Lecture Exam (Closed Book)	5	150	750
Lab Practical - Skeleton	1	100	100
Lab Practical - Muscle	1	100	100
Lab Practical - Brain, Eye	1	50	50
TOTAL			1000

2. Description:
 - A. The lecture exams will be multiple choice questions.
 - B. The last exam is a lecture exam, NOT a comprehensive final.
 - C. The lab practicals will be short answer questions.

Grades:

1. The grade for the semester is determined by adding together all individual scores and calculating one final percent score.
2. Percent score and letter grade breakdown:

90%	-	100%	=	A
80%	-	89%	=	B
70%	-	79%	=	C
60%	-	69%	=	D
0%	-	59%	=	F

Makeup Exams:

1. Exam dates are listed on pages 1 and 2 of this syllabus. Alternative test times can be arranged ahead of time.
2. All makeup exams will be given on the regularly scheduled final exam day.

Withdrawal:

1. Do not just stop attending class and expect your instructor to withdraw you from class. If you wish to withdraw, begin the process by notifying your instructor.
2. If you do not officially withdraw, your grade for all work completed and uncompleted can become part of your record.

Student Services

1. If you are aware of any physical or non-physical disability that may affect your performance in class, please inform your instructor during the first week of class. Phoenix College's Special Services can provide for some of the special needs of disabled students. Special Services is located in the Learning Center Building; use the west entrance.
2. Phoenix College's Learning Center provides free tutoring, educational materials, computer-assisted instruction, and student development workshops. The Learning Center is located in the Learning Center Building; use the west entrance.

Learning Center

1. The Learning Center is located in the Learning Center Building in the center of the campus.
2. Skeletal materials, models, and other materials are available for your use in the Learning Center. Weekly study sessions are also held in the Learning Center.
3. Learning Center Hours:
Monday - Thursday 8:00 a.m. - 7:00 p.m.
Friday 8:00 a.m. - 4:30 p.m.

ADAM

1. ADAM is available at the Open Computer Lab in the Lower Level of the Library. When you enter the Open Computer Lab, ask for the Biology Study Room.
2. There is no charge for using ADAM at the Open Computer Lab. If you wish to use other services, you may have to pay the open computer lab usage fee, which is \$10.00.

Web Sites For Anatomy and Physiology

1. <http://www.gwc.maricopa.edu/class/bio201/index.html>
Click on Cool A&P Tutorials on the bottom of the screen.
2. <http://www.mhhe.com/seeley6>
This is the web site that goes with the textbook. Open the web site and then click on the Student Learning Center in the upper left hand corner. There are quizzes, study outlines, animations, etc. Also available is the Essential Study Partner, Cross-Sectional Mini-atlas (which can be downloaded), ADAM Online (does not include the lessons on the Phoenix College computers), and much more.

MCCCD Common Policies

Attendance Requirements

1. Attendance is expected. Excessive absences can result in withdrawal from the course. For this course, that means missing more than six lectures or missing more than two labs.
2. Missing class will not result in the deduction of points, that is, missing class will not directly affect the course grade. Of course, missing class may affect what you learn and that can affect the course grade.

Misconduct

Misconduct includes cheating on exams and plagiarism. It also includes any conduct which is harmful, obstructive, disruptive to, or interferes with the educational process.

Tardiness is rude and disruptive. Being on time, ready to learn, makes common sense and is common courtesy. If you know that you are going to have difficulty getting to this class on time, then you should withdraw from this class.

Tardy Policy

1. Class (lecture and lab) begins promptly at the time listed for the course in the Phoenix College Class Schedule. Plan on arriving to class a few minutes early to avoid any problems.
2. The first time you are late to class, I will assume that something happened that was beyond your control. You must talk to me immediately after the class is over. I will be sympathetic, and there will be no penalties. However, you will be warned that a second tardy is not acceptable.

See the Student Handbook and the College Catalogue for a detailed description of all policies.

