Human Anatomy
Biology 4
Spring 2007

Instructor: Dr. Robert Stinson
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Office Hrs: MW 11:00-12:00
TR 5:00-6:00
F 11:00-12:00
And By Appointment

Instructor's Schedule:

MWF	Bio 08 Lec, 8:00-8:50
MWF	Bio 08 Lab, 9:00-10:50
MW	Bio 04 Lec, 1:00-2:15
MW	Bio 04 Lab, 2:25-5:05
T	Bio 02 Lec, 6:00-8:50
R	Bio 02 Lab, 6:00-8:50

Textbook*:* *Human Anatomy*, McKinley and O'Loughlin, McGraw-Hill, 2006

WebLinks:
Human Anatomy is a web enhanced course. The course can be accessed at the following link: http://www.barstow.edu/Faculty/rstinson/Human%20Anatomy/default.htm
User name: full name
Password: bi3phoeb
and http://moodle.barstow.edu for the lab only.
Login and enter as a guest.

Catalog Description: Basic functioning of the organ systems of the human body, including the brain and nervous system, vision and hearing, heart and circulation, blood and immunity, respiration, digestion and metabolism, muscles, excretory, endocrine, and reproductive systems.

Course Content: Introduction to body function, chemical composition, cell structure, enzymes and energy, metabolism, cellular interactions, ANS, CNS, PNS, endocrine glands, muscles, immunity, cardiovascular system, respiration, excretion, and reproduction

Course Outcomes and Objectives: By the end of this course the successful student will be able to know or demonstrate

- A problem solving approach to physiological problems
- The concept of homeostasis as it applies to human organ system function
- Functional aspects of cell structure and function
- Recognize patterns of organization and relationships among concepts
- Understanding of the physiological functions of the systems discussed

Tests and Grading: There will be four lecture tests and a Comprehensive Final Exam that will determine your grade for this course. Exams will include various formats including, but not limited to, essay questions, true-false questions, multiple choice questions, fill-in, and short answer. Each of these tests will be scaled to 100 points. Quizzes are random and may occur at any time. Your grade will be determined by the total number of points earned. The grading scale is as follows:

A = 90-100%	**Points in lecture:**	**500 (63%)**
B = 80-89%	**Points in lab:**	**300 (37%)**
C = 70-79%		
D = 60-69%	**Total:**	**800 (Approximate)**
F = 00-59%		

A lecture exam can only be made up in the event of a verifiable student absence provided that the student has notified the instructor prior to the exam. The instructor must be notified directly. You must schedule an appointment to take the exam prior to the next scheduled class meeting. All make-up exams will be essay exams. Any student who enters an exam or quiz late will not be given any extra time to take the exam, and if sufficiently late, will not be allowed to take the test at all. **There is no form of extra credit for this course.** Special Note: There will be no early finals given for this class.

Attendance Policy: College policy permits an instructor to lower a student grade or drop a student from the course if absent more than 10% of all classes.

Academic Dishonesty: Acts of academic dishonesty, including plagiarism and cheating will not be tolerated and are considered serious offenses by Barstow Community College. Any such action by the student will be reported to the Vice President for Academic Affairs. Penalties could range from loss of points to permanent expulsion from the class or college.

Withdrawal Policy: Students may withdraw from this course until Apr. 25, 2007 by going to the Admissions and Records Office and completing all the appropriate paperwork. It is the responsibility of the student to withdraw from a course.

Bio 4 (Human Anatomy) Spring 2007
Lecture Schedule

Date (Week of)	Topic	Text Chapters
1/15	First Look at Anatomy	Chapter 1
	Cell Structure/Function	Chapter 2
1/22	Embryology	Chapter 3
	Tissue Level of Organization	Chapter 4
1/29	Integumentary System	Chapter 5
	Examination #1 (1-4)	
2/05	Cartilage and Bone	Chapter 6
	Axial Skeleton	Chapter 7
2/12	Appendicular Skeleton	Chapter 8
	Articulations	Chapter 9
2/19	Examination #2 (5-8)	
	Muscle Tissue/Organization	Chapter 10
2/26	Axial Muscles	Chapter 11
	Appendicular Muscles	Chapter 12
3/05	Surface Anatomy	Chapter 13
	Examination #3 (9-12)	
3/12	Nervous Tissue	Chapter 14
	Brain and Cranial Nerves	Chapter 15
3/19	Spinal Cord and Nerves	Chapter 16
	Integrative Function	Chapter 17
3/26	Examination #4 (13-16)	
	Autonomic Nervous System	Chapter 18
4/02	Senses	Chapter 19
4/09	Spring Break	
4/16	Endocrine System	Chapter 20

	Blood	Chapter 21
4/23	Examination #5 (17-20)	
	Heart	Chapter 22
4/30	Vessels and Circulation	Chapter 23
	Lymphatic System	Chapter 24
5/05	Respiratory System	Chapter 25
	Digestive System	Chapter 26
5/12	Urinary System	Chapter 27
	Reproductive System	Chapter 28
5/19	Final Examination (21-28)	

This schedule is tentative and the dates may change. In the event of a change, the instructor will make an announcement in lecture. It is the responsibility of the student to be aware of any announced schedule changes.

Bio 4 (Human Anatomy)
Lab Schedule

01/15	Organization of the Body Microscopy and Cell Structure
01/22	Examination of Tissues and Organs
01/29	Tissues and Organs (cont.)
02/05	Integumentary System Introduction to the Skeletal System
02/12	Examination #1 Axial Skeleton
02/19	Appendicular Skeleton Articulations
02/26	Examination #2 Introduction to Muscles
03/05	Muscles of the Head and Neck Muscles of the Shoulder and Upper Extremity
03/12	Muscles of the Torso Muscles of the Hip and Lower Extremity
03/19	Examination #3 Introduction to the Nervous System
03/26	Brain and Cranial Nerves Spinal Cord and Spinal Nerves
04/02	Sensory Receptors Endocrine System
04/09	Examination #4 Blood Cells and Heart
04/16	Spring Break

04/23	Blood Vessels Lymphatic System
04/30	Respiratory System Digestive System
05/05	Urinary System Reproductive System
05/12	Final Lab Examination