

Biology 20 Syllabus
Summer 08
Dr. Jenkins
Phone: TBA E-Mail: TBA

- I. Course Description: Biology 20 is a 4 unit course on Human Anatomy. This course provides the basic understanding and working knowledge of the human body with the emphasis on the structure and function of the body at several levels: cellular, tissue, organ, system, and organism.
- II. Prerequisite: Successful completion of Biology 1 *BIO 5 req.*
- III. Recommended high school chemistry course or equivalent
- IV. Required materials:
- a. Martini, Timmons, & Tallitsch, Human Anatomy, 5th ed, Pearson Benjamin Cummings
 - b. Lab Manual: Anatomy Manual 2nd edition. Saladin.
- V. Course Objectives:
- a. Identify the structure and function of each system
 - b. Develop important critical thinking skills as they evaluate lecture topics and laboratory observations and experiments
 - c. Learn ~~how~~ to use scientific method
 - d. Develop important manual dexterity skills
 - e. Satisfy a basic requirement for a variety of biological, medical, physical education, and health oriented programs

VI. Student Evaluation	
Lecture- 6 exams at 100 points each	600
Lecture quizzes 10 at 10 pts. Each	100
Lab Exams- 6 exams at 100 points each	600
Lab Reports 15 at 20 points each	<u>300</u>
Estimated Total Points for the semester	1600

Grades will be assigned on a percentage basis:

100-90 A	98-80 B	79-70 C	69-60 D	59-below F
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VII. Attendance Policy

- a. Students are expected to attend all class sessions.
- b. Excessive unexcused absences (prior to the drop date), lack of participation, etc. May be causes for a student to be dropped from this course. Excessive tardiness will NOT be tolerated (three tardies equals an absence). It is imperative to be on time to the laboratory as the introduction is done during ht fires 30-60 min. All special announcements are made in the first 10-15 min.
- c. No cell phones or beepers are allowed during class/lab. Loss of all points during usage will occur. Please do not even bring them to class.
- d. If you have a verified need for an academic need for an academic accommodation or materials in alternate media (i.e. Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADR) or SECTION 504 OF THE Rehabilitation Act, please contact me as soon as possible.
- e. Lab reports are due in each successive lab period at the beginning of the lab period. All work is due on the assigned date. No late work will be accepted.
- f. There is no make up work or extra credit. You will receive the grade you earn.

Tentative Lecture and Lab Outline- I reserve the right to change this with notice.

Week 1	
Reading Assignment	Topics and Lab Assignments
Ch 1	History, Anatomical Terminology, Quadrants & Regions Lab Report 1
Ch 2 & 27	The Cell- Mitosis and Meiosis Lab Report 2 & 3
Ch 3 & 4	Histology and the Integument Lab 4 & 5
Week 2	
Ch 13-17	Nervous System Lab 15, 16, 17
Ch 5,6,7	Skeletal System Lab 6,7,8,9
Week 3	
Ch 9,10,11	Muscular System Lab 11,12,13,14
Ch 8	Articulations Lab 10
Week 4	
Ch 20-22	Cardiovascular System Lab 20-24
Ch 24	Respiratory System Lab 25
Ch 23	Lymphatic System
Week 5	
Ch 19	Endocrine System Lab 19
Ch 18	Special Senses Lab 18
Ch 27, 28	Reproduction Lab 28, 29
Week 6	
Ch 25	Digestive System Lab 26
Ch 26	Urinary System Lab 27