

## **Biology 20 Syllabus FALL Semester 2012**

Phone :638-3641 ext 3715      Office LFS 5  
Office Hours: Tuesday and Thursday 8:30-9:00 AM  
Monday 11:00-12:00 PM and Friday 11:00-12:00noon  
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**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 organismal.

- I. Prerequisite: Successful completion of Biology 1 or Biology 5 or Biology 11A or 11B.
  
- II. Recommended: college chemistry course or equivalent.
  
- III. Required materials:
  - a. Martini, Timmons, & Tallitsch, Human Anatomy, 6th Edition, Pearson Benjamin Cummings.
  - b. Lab Manual for Human Anatomy by Michael Wood  
This is a custom lab manual and can only be purchased here at Reedley College. Read all lab material before coming to the lab.
  
- IV. The course objectives are:
  - 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

V.	Evaluation of Student Progress		
	Lecture – 3 lecture exams at 100 points each		300
	Lecture Lab Quizzes 10 at 20 points each		200
	Lab Exams – 3 at 100 points each		300
	Lab Reports – 15 at 15 points each		<u>225</u>
	Estimated Total Points for the semester		1025 points

Grades will be assigned on a percentage basis:

100-90	89-80	79-70	69-60	less than 60
<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>F</b>

VI. Attendance Policy

- a. Students are expected to attend all class sessions. Sign in sheets will be used and each student must sign in for himself ONLY.
- b. Excessive unexcused absences of 8 hours of lab and/or lecture (prior to the drop date), lack of participation, etc. may be causes for a student to be dropped from this course. Excessive tardies 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 the first 30-60 minutes. All special announcements are made in the first 10-15 minutes. If you miss 8 hours or more of this class after the ninth week, it may result in the lowering of your grade by one letter grade.
- c. **NO cell phones or beepers, etc. are allowed to go off or be used during this class. If they ring or are used during a test or quiz, the student will receive a 0 for that exam or quiz. You cannot make up these assignments. No cell phones, etc may be on your person during a quiz or exam! You are responsible for downloading the lecture outlines prior to the class. These are to be used for lecture.**
- d. If you have a verified need for an academic accommodation or materials in alternate media (i.e. Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) 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. **Nothing will be accepted late.**

f. Drop Deadline is \_\_\_\_\_October 19th\_\_\_\_\_.

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

Lecture	Lab	Text Reading
Week 1: History, Anatomical Terminology, Quadrants & Regions Lab Report #1		Ch 1
Week 2: The Cell – Mitosis and Meiosis Lab Report #2 & #3		Ch 2 & 27
Week 3: Histology and the Integument Lab Report #4& #5		Ch 3 & 4
Week 4: Digestive System Lab Report #26		Ch 25
Week 5: Urinary System Lab Report #27		Ch 26
Week 6: Lecture and Lab Exams		
Week 7: Skeletal System Lab Report #6,7,8		Ch 5,6,7
Week 8: Muscular System Lab Report #10, 11,12		Ch 9,10,11
Week 9: Articulations Lab Report # 9		Ch 8
Week 10: Endocrine System Lab Report #20		Ch 19
Week 11: Reproductive System Lab Report #28 & #29		Ch 27 & 28
Week 12: Lecture and Lab Exams - 2		
Week 13: Nervous System Lab Report #13, 14,15		Ch 13-17
Week 14: Cardiovascular System		Ch 20-22

Lab Reports # 21,22,23

Week 15: Special Senses  
Lab Report #17, 18, 19

Ch 18

Week 16: Respiratory System & Lymphatic  
Lab Reports #25 & 24

Ch 24 & 23

Week 17: Lab Exam 3 in lab period

Week 18: Final Lecture Exam

Class may convene at a different location for field trips. This class is scheduled to attend an autopsy at the Fresno County Coroners. The date will be set per the FCC Office.

Plagiarism will not be tolerated and may result in the loss of points to expulsion.