

Instructor Contact Information

1. Phone: 638-3641, ext 3926
2. Cell Phone: 824-2006
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Office Hours: By appointment only

Class Meetings:

This course meets Tuesday and Thursday from 6:00 pm to 8:40 pm from 8/18/08 to 12/19/08. Typically we will cover lecture topics on Tuesday and lab topics on Thursday of each week.

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 organismal.

Course Objectives:

1. Identify the structure and function of each system
2. Develop important critical thinking skills as they evaluate lecture topics and laboratory observations and experiments
3. Learn how to use scientific method
4. Develop important manual dexterity skills
5. Satisfy a basic requirement for a variety of biological, medical, physical education, and health oriented programs

Prerequisites:

1. Biology 1 or 5.
2. High school chemistry or its equivalent is recommended.
3. Eligibility for English 125, 126 and Mathematics 101.
4. **Note:** Biology 20 and Chemistry are required for Biology 22 (Physiology).

Required Materials:

1. Textbook: Martini, Timmons, & Tallitsch, Human Anatomy, 6th Edition, Pearson Benjamin Cummings.
2. Lab Manual: Anatomy Manual, 2nd edition. Saladin
3. A valid working email address.

Course Policies:

1. Attendance to all lecture and lab sessions is mandatory. There are no make-ups on laboratories that you miss due to absence for any reason. Excessive unexcused absences (9 hours prior to the drop date) will cause you to be dropped from the course. Excessive

tardies will NOT be tolerated (three tardies equal an absence). It is imperative that you are on time because the laboratory introduction is done during the first 30-60 minutes. All special announcements in lecture will occur in the first 5-10 minutes of class. Lecture quizzes are given at the beginning of the hour and tardiness will cause you to earn a zero on that quiz.

2. No cell phones or beepers are allowed to go off or be used during class.
3. There will be NO makeup quizzes. If you are tardy to class you will receive a zero on the quiz being given.
4. Late lab reports are NOT accepted. You will have a full week in which to complete each report.

Should you have any problems with the course, please contact me as soon as possible.

It is the students' responsibility to drop the course should you decide not to complete the semester.

Grading: your final grade will be based upon the following criteria. Note that the instructor reserves the right to modify this scheme if circumstances dictate so with notice.

3 Lecture Exams @ 100 points each.....=300 points
 3 Laboratory Exams @ 100 points each.....=300 points
 Lecture quizzes 10 @ 20 points each..... = 200 points
 Laboratory reports 15 @ 15 points each.....= 225 points
 Total: = 1025 points

Grading Scale is based upon the percentage of the total number of points possible accumulated at the end of the semester:
 100-90 = A 89-80 = B 79-70 = C 69-60 = D <60 = F

Note that the point totals above are approximations. Actual point totals by the end of the semester may differ from above. I reserve the right to modify this syllabus if circumstances dictate so with proper notice to the class.

Tentative Course Outline

Dates	Lecture	Text	Lab Reports
8/18, 21	History, Anatomical Terminology, Quadrants and Regions	Ch.1	1
8/26, 28	The Cell – Mitosis and Meiosis	Ch. 2, 27	2 - 3
9/2, 4	Histology and the Integument	Ch. 3-4	4 - 5
9/9, 11	Digestive System	Ch 25	26
9/16, 18	Urinary System	Ch 26	27
9/23, 25	Lecture Exam 1 on Chapters 1-4, 25-27		Lab Exam 1
9/30, 10/2	Skeletal System	Ch. 5-7	6 - 9
10/7, 9	Muscular System	Ch. 9-11	11 - 14
10/14, 16	Articulations	Ch. 8	10

10/21, 23	Endocrine System	Ch.19	19
10/28, 30	Reproductive System	Ch. 27-28	28-29
11/4, 6	Lecture Exam 2 on Ch. 5-11, 19, 27, 28		Lab Exam 2
11/11, 13	Veterans Day Holiday		15-17
11/18, 19	Nervous System	Ch. 13-17	20-24
11/25, 27	Cardiovascular System	Ch. 20-22	18
12/2, 4	Special Systems	Ch. 18	25
12/9, 11	Respiratory and Lymphatic Systems	Ch. 23-24	Lab Exam 3
12/16	Final Lecture Exam		No Lab

If you have a 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.