

**MANAT 125 - HUMAN ANATOMY
– SPRING 2007 –**

[[Download Study Guide \(PDF\)](#)] [[Outline](#)] [[Home](#)]

Catalog description: Study of human body structures including organ, tissue, and cellular relationships. Involves extensive use of models, specimens, histological material, and dissection. Cadaver materials and demonstrations used. Intended for students entering the health professions. This course is not repeatable. Lecture/Laboratory. Transfer CSU, UC (CAN BIOL 10) (CANBIOL SEQ B) (CC BIOL 10) General Education: (CSU-GE: B2)

Instructor David G. Ward, Ph.D.

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Hours:

Monday	Tuesday	Wednesday	Thursday	Friday
11:45 AM - 2:15 PM		11:45 AM - 2:15 PM		

Textbooks Required:

Martini and Timmons, Human Anatomy, Benjamin-Cummings, 2003 /2004. URL
<http://www.aw-bc.com/catalog/academic/product/0,1144,0131030434,00.html>

Ward, D. G. ANAT125 - Human Anatomy, 2007 (available at Laser Printing, 571 Tully Road, Modesto) or
<http://www.dgward.com/>
<http://virtual.yosemite.cc.ca.us/dward/>

Course Objectives: Students in this class will:

- 1) Use the terminology of anatomy as generally accepted
- 2) Identify and describe regions, cavities and planes of the body;
- 3) Describe cellular anatomy, including basic cellular chemistry, cellular structure, and the cell cycle;
- 4) Identify and describe the basic tissues of the body, including, epithelial tissues, connective tissues, nervous tissue, and muscle tissue;
- 5) Identify and describe the major organ systems of the body, including the integumentary, skeletal, muscular, digestive, respiratory, urinary, cardiovascular and lymphatic, nervous, and endocrine systems;
- 6) Identify and describe the major organs within each organ system;
- 7) Identify and describe the tissue composition and organization of each of the major organs
- 8) Describe the anatomical interrelationships of the organs and organ systems
- 9) Use microscopes, dissection, models, and charts to identify anatomical structures
- 10) Draw and identify anatomical structures as seen using microscopes, dissection, models, and charts

Grading: Grades are assigned based on points earned from laboratory practicums, written exams, laboratory drawings , and a final exam, as follows:

- 1) 50 points - 1 quiz: laboratory practicum (25 questions each) (format: fill-in); scantron (25 questions) (format: matching)
- 2) 390 points - 6 laboratory practicums (65 questions each) (format: fill-in)
- 3) 360 points - 6 scantron exams (format: matching)
- 4) 100 points - 20 sets of drawings or diagrams from the labs (**checked at end of each lab**)
- 5) 100 points - comprehensive scantron final (format: matching)
- 6) no make up work will be allowed unless extraordinary circumstances are involved. Laboratory practicums cannot be made up. Students not taking the final exam will receive a grade of F for the course.
- 7) grade distribution

A:	90	-100%	900	-1000
B:	80	- 89%	800	- 890
C:	70	- 79%	700	- 790
D:	60	- 69%	600	- 690
F:	00	- 59%	000	- 590

The Academic Senate, has created an academic integrity policy for students at MJC. This policy is part of the Student Code of Conduct.

"The grading of a student's work rests on the fundamental idea that an instructor is evaluating a student's own work, so cheating or plagiarism demonstrates a failure to complete this most basic requirement of any course. Thus a faculty member may administer academic consequences for violating the Academic Integrity Policy ranging from partial or no credit on an exam or assignment to an F in the course.

The instructor may also consider that a student's violation of academic integrity should be a consideration for disciplinary measures, such as suspension or removal from the course or the college."

Attendance: Students not attending two consecutive laboratories may be dropped from the course unless arrangements are made in advance. Avoid absences and leaving early.

Cell phones and pagers: Please turn off cell phones and pagers during class.

Suggestions for success:

- 1) Get and use the study guide.
- 2) Study a small amount of material at a time; learn that material thoroughly before moving on to something new.
- 3) Establish study groups in and out of the lab.
- 4) Draw pictures and diagrams. (10% of your grade)
- 5) Take advantage of the laboratory time.
- 6) Use the computer labs, the internet and the web site.