

ANATOMY AND PHYSIOLOGY 203

U.C. Course #: 34-BIOL-203-001

Office Hours: 12-1, M-F

Office: EDS 215 P

Home Page: <http://biology.clc.uc.edu/Fankhauser/>

SYLLABUS Spring Quarter 2007-2008

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COURSE OBJECTIVES: To learn the macroscopic and microscopic structure of the human body, in particular those of the **circulatory, respiratory, digestive, urinary and reproductive systems**, and the principles of how and why these systems function. To learn and be able to use the nomenclature describing the structures and functioning of these systems, including its etymology. See separate *Lab Activities Schedule* for related laboratory activities and references. Check web page for illustrated lab activities.

REQUIRED TEXTS: Bring **M** to class daily, and **VE** and **SG** to Lab on Thursdays:

FM: Martini, Fredric H.	<i>Fundamentals of Anatomy and Physiology</i>	7 th Ed.	Prentice Hall,	(2006).
VE: Eroschenko, V.P.	<i>di Fiore's Atlas of Human Histology</i>	9 th Ed.	Williams & Wilkins,	(1996).
SG: Gilbert, S.G.	<i>Pictorial Anatomy of the Cat</i>	Rvsd	U. of Wash. Pr.,	(1991).

REQUIRED EQUIPMENT: **Notebook:** Bound, graph-lined Comp'n, 10 x 7 7/8. **Pen:** perm. black (Pilot, Uniball, Tombo. &c) *Bring these to EVERY lab.* All notes taken during Lab should be entered directly into this notebook.

OPTIONAL: The library has all of these optional texts on reserve. They also have videotapes on selected topics.

MM: Berkow, Robert, Ed.	<i>The Merck Manual</i>	17 th Ed.	MS&D,	(1999).
KE: Kapit & Elson,	<i>The Anatomy Coloring Book</i>	2 nd Ed.	Harper Collins,	(1993).
WI: Windholz, Martha, Ed.	<i>The Merck Index</i>	11 th Ed.	MS&D,	(1989).
Borror's	<i>Dict. of Word Roots and Comb'ng Forms</i>		Mayfld Pub.,	(1960).
	<i>Stedman's Medical Dictionary</i>			

Please fasten this schedule into the front cover of your copy of Martini's *Fund. of Anatomy & Physiology*, 6th Ed.

MONDAY	WEDNESDAY
3/31 Blood MM:1136-1144 VIDT:v.11 FM:640-667 KE:62	4/2 Heart function MM:493-520 FM: 670-705 KE 63-68
4/7 Vascular System FM:709-775 KE:68-82 Introduction to Lymphatics MM:57-58,593	4/9 Immunity 4/11, 8:30-10:30 KE:83-90 WAFFLE FM: 775-793 QUIZ I BREAKFAST
4/14 Finish Immunity Introduction to the Respiratory System FM:793-859 KE:91-97	4/16 FIRST TEST
4/21 Tests returned and discussed Conclude Respiratory System VIDT:v.12	4/23 Digestive System, through the small intestine VIDT:v.14 FM:863-888, KE:98-105 [NOTEBOOKS DUE 4/24]
4/28 Pancreas. Liver Function. The Colon VIDT:v.15 FM: 888-913 KE:105-106	4/30 Metabolism and its cofactors: Vitamins VIDT:pt.6 FM:916-949 MM:968-975 QUIZ II
5/5 <i>Cinco de Mayo!</i> Introduction to the Urinary System FM: 952-992, MM:1646-1661 KE:108-112 VIDT:v.18	5/7 SECOND TEST
5/12 Tests returned and discussed Conclude Urinary System, Electrolyte balance 995-1023	5/14 Embryology of Reproductive System. Male Organs VIDT:v.20 FM:1030-1047 KE:113-115
5/19 Female Reproductive System VIDT:v.21 & v.22 FM:1048-1072 KE:116-120	5/21 Embryology MM:1836-38,1850-62 FM:1075-1092 KE:121-123 QUIZ III
5/26 MEMORIAL DAY! Party !!	5/28 THIRD TEST [NOTEBOOKS DUE 5/29]
5/30 Parturition: Labor and Delivery FM: 1092-1098 MM:1862-1866	6/1 Tests returned and discussed Elements of Genetics FM:1098-1108
Your grade will be determined by your position on a class histogram of student cumulative points (sum of points earned on tests, quizzes and notebook). The class median corresponds to a low to mid B. See page 2 of syllabus.	6/12 Thursday FINAL EXAM 2:15-4:15 PM