

Bruce H. Letvin, D.P.M. ANATOMY 32-HUMAN ANATOMY Fall 2009

Section: 1010 MW 8:00AM-12:15PM, Room LS-113

WEEK	DATE	TOPIC	TXT	HW	LAB
1	AUG 31	Anatomic Terminology	Ch 1	Ex 1,2	Anat. Term. & Organ Surv.
	SEP 2	Cell Structure & Mitosis	Ch 2	Ex 3,4	Cell Struc,Mit.&Microscope
2	7	Labor Day			
	9	Tissues	Ch 4	Ex 5	Histology : Epithelium
3	14	Integumentary System	Ch 5	Ex 6	Hist: Epith & Connect.Tiss.
	16	Bones & Skeletal Tissue	Ch 6	Ex 8	Hist: Epith & Connect. Tiss.
4	21	Lecture Exam 1 (Ch 1-5) & Practicum 1-Histology, Microscope, Mitosis			
	23	Axial Skeleton	Ch 7	Ex 9	Skeletal Tissue, Skeleton
5	28	Appendicular Skeleton	Ch 8	Ex 10	Skeleton
	30	Articulations	Ch 9	Ex 11,12	Joints, Fetal Skeleton
6	OCT 5	Lecture Exam 2 (Ch 6-9) & Practicum 2 Skeleton, Tissue, Joints, Fetal			
	7	Muscle Tissue	Ch 10	Ex 13	Cat Dissection
7	12	Muscles	Ch 11	Ex 14	Cat Dissection
	14	Nervous Tissue	Ch 12	Ex 15	Muscle Models
8	19	Central Nervous System	Ch 13	Ex 16	CatDissection,MuscleMod
	21	Lecture Exam 3 (Ch 10, 11) & Practicum 3 Cats & Muscle Models			
9	26	Peripheral Nervous System	Ch 14	Ex 17	Nervous Tissue Models
	28	Autonomic Nervous System	Ch 15	Ex 18	Nervous System Models
10	NOV 2	Special Senses	Ch 16	Ex 19	Eye, Ear, Nose Models
	4	Blood	Ch 17	Ex 20	Sheep Eye & Models
11	9	Lecture Exam 4 (Ch 12-16) & Practicum 4 Nervous & Sense Models			
	11	Heart	Ch 18	Ex 22, 23	Sheep Heart, Models
12	16	Blood Vessels	Ch 19	Ex 24	Heart, Vascular Models

WEEK	DATE	TOPIC	TXT	HW	LAB
	18	Lymphatic System	Ch 20	Ex 25	Lymphatic, Vascular Mod
13	23	Endocrine System	Ch 25	Ex 21	Heart, Vasc., Lymph.,Mod.
	25	Lecture Exam 5 (Ch 17-20) & Practicum 5 Heart, Vasc., Lymph.,Models			
14	30	Respiratory System	Ch 21	Ex 26	Respiratory Models
	DEC 2	Digestive System	Ch 22	Ex 27	Digestive Models
15	7	Urinary System	Ch 23	Ex 28	Urinary Models
	9	Reproductive System	Ch 24	Ex 29	Reproductive Models
16	14	Practicum 6- Respiratory, Digestive, Urinary & Reproductive Models			
	16	Final Exam-Comprehensive 200 Questions Scantron-884-E			

Office Hours: TU-TH 11:15AM-12:15PM, M-W 12:15-1:15PM Room NS-111

Text: Marieb, Mallat and Wilhelm. Human Anatomy, 5th Edition. Benjamin Cummings, 2008

Lab: Marieb. Human Anatomy Laboratory Manual with Cat Dissections 5th Edition 2008

Grading: Final Exam	200 Points
5 Lecture Exams (100 Pts Each)	500 Points
6 Lab Practica (50 Points Each)	300 Points
Attendance and participation	100 Points
25 Homework Ex (4 Pts. Each)	100 Points
Total Class Points	1200 Points

Exams: Multiple Choice, Short Answer and Essay. Scantron 882-E for Lecture Exams 1-5, Scantron 884-E for Final Exam. Lab Practica are 50 Identification Questions at 25 Stations.

Materials Required: Scantrons, # 2 Pencil, Dissection Kits, Latex Gloves, Lab Coat and Goggles.

Course Description: This course is an intensive study of the gross and microscopic structure of the human body including the four major types of tissue and their subgroups, and the following organ systems: integumentary, skeletal, muscular,

circulatory, respiratory, digestive, urinary, reproductive, endocrine, nervous and senses. Functions of the organs systems are included at the introductory level to prepare students for a course in Human Physiology. Laboratory assignments develop the skills of observation, investigation, identification, discovery and dissection. The use of actual specimens, including cat dissections and observation of a human cadaver, is emphasized to assure that students learn the relative structure, functions, textures and variations in the tissues not incorporated in models. Supplemental materials such as models, photographs, charts, videotapes and digitized images are also provided. This course is required for students preparing for many Allied Health professions including but not limited to, Nursing, Respiratory Therapy, Physical therapy, Physical Education and Kinesiology Training, and Physicians Assistant and is a prerequisite for Human Physiology 3.

Course Objectives: Upon completion of the course students will be able to:

1. Clearly focus on materials of a variety of sizes, thicknesses and densities under a microscope.
2. Identify tissues, organs and body structures of the human body at a detailed level in actual specimens as well as in models and other representations.
3. Describe the structures, interrelationships and general functions of major structures, organs and organ systems of the human body.
4. Demonstrate skills in observation, investigation and discovery using biological materials.
5. Correlate concepts of microscopic structure, macroscopic structure and functions to the whole human body.
6. Exhibit manual dexterity in dissection and prepare clear dissections.
7. Use surface features of the human body as landmarks to identify and evaluate underlying structures.

Attendance: Your grade will depend on your active attendance and active participation during lectures. You will be responsible for all information that you miss. Connect with other students in the class that will provide you with the information you have missed due to absence or not paying attention during class. If you are going to miss a class, e-mail me with that information. Practicum cannot be made up if they are missed. Exams cannot be made up if they are missed unless due to illness with a signed M.D.'s note.

Student Learning Outcomes: The student will be able to identify muscle groups as flexors or extensors and explain how they move the joint. The student will be able to identify bones and muscles at the site of an injury and identify the functions affected by the injury and list the sequence of events in fracture repair.

Special Accommodations: If you have a documented disability and wish to discuss academic accommodations, please contact me as soon as possible.

Disclaimer: I reserve the right to change this schedule with advance notice to students.

Drop Dates and Dropping This Class: You signed up for this class. If you decide to drop this class it is your responsibility to do so. If you forget to drop this class you will receive an "F" on your transcript for this class at the end of the semester. Drop dates are posted online and in the catalog. It is your responsibility to know these dates and drop yourself from this class if you wish to do so.

Academic Dishonesty: Will not be tolerated. SMC's Academic Dishonesty Policies are posted online and in the classroom. If you are caught cheating you will be dismissed from this class and receive an "F" as your final grade.

Extra Credit: There is none.

Grading Scale:	A	90-100%
	B	80-89%
	C	66-79%
	D	50-65%
	F	<50%

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