

ANATOMY 411 (Spring 2017)
 Lecture: M/W/F 1:00-2:00 pm, E301
 Lab: M/W/F 2:00-5:00 pm, EG24

<u>DATE</u>	<u>LECTURE</u>	<u>LAB</u>	<u>LECTURER</u>
	<u>THORAX</u>		
Jan. 16	(MLK HOLIDAY)	(MLK HOLIDAY)	
Jan. 18	Introduction; anterior thoracic wall	(none)	Freeman
Jan. 20	Pleural cavity and lungs	Anterior thoracic wall	Freeman
Jan. 23	Heart and mediastinum; nervous system	Pleural cavities, lungs	Freeman
Jan. 25	Heart and mediastinum; nervous system	Heart removal and dissection	Freeman
Jan. 27	Posterior and superior mediastinum	Posterior and superior mediastinum	Freeman
Jan. 30	Review and catch-up	Mock practical exam	Freeman
Feb. 1	Thorax Lecture Exam	Thorax Practical Exam	
	<u>ABDOMEN</u>		
Feb. 3	Inguinal region, spermatic cord, testis	Ant. abdominal wall, inguinal region, testis	Singelyn
Feb. 6	Upper abdomen	Peritoneal cavity, celiac trunk, stomach, spleen, liver	Singelyn
Feb. 8	Lower abdomen	Superior and inferior mesenteric arteries, intestines, pancreas, portal vein	Singelyn
Feb. 10	Kidneys and posterior abdominal wall	Removal of GI tract, kidneys, posterior abdominal wall, diaphragm	Singelyn
Feb. 13	Abdomen Lecture Exam	Abdomen Practical Exam	
	<u>PELVIS AND PERINEUM</u>		
Feb. 15	Pelvic cavity, floor, gluteal region	Anal region	Freeman
Feb. 17	Male/female perineum	Urogenital triangle and pelvic viscera	Freeman
Feb. 20	Male/female reproductive systems	Male and female pelvis and perineum	Singelyn
Feb. 22	Reproductive systems (cont.) and review	Complete dissections and review	Singelyn
Feb. 24	Pelvis and Perineum Exam	Pelvis and Perineum Exam	
	<u>LOWER LIMB AND BACK</u>		
Feb. 27	Back	Back	Enterline
Mar. 1	Introduction, anterior and medial thigh	Anterior and medial thigh	Croft
Mar. 3	Gluteal region, post. thigh, popliteal fossa	Gluteal region, post. thigh, popliteal fossa	Croft
Mar. 6	Hip, knee, and leg	Hip and knee	Simpson
Mar. 8	Ankle, foot, and function	Crura, ankle, foot	Simpson
Mar. 10	Lower Limb Exam	Lower Limb Exam	
Mar. 13-17	(SPRING BREAK)	(SPRING BREAK)	
	<u>UPPER LIMB</u>		
Mar. 20	Shoulder	Shoulder	Simpson
Mar. 22	Brachial plexus	Brachial plexus	Simpson
Mar. 24	Brachium and arm	Brachium and arm	Simpson
Mar. 27	Ventral forearm and hand	Ventral forearm and hand	Simpson
Mar. 29	Dorsal forearm and hand	Dorsal forearm and hand	Simpson
Mar. 31	Upper Limb Exam	Upper Limb Exam	

<u>HEAD AND NECK</u>			
Apr. 3	Overview and skull	Cranial osteology *Small group rooms*	Croft
Apr. 5	Cranial nerves	CRANIAL OSTEOLOGY QUIZ	Croft
Apr. 7	Face, scalp, vasculature	Face and parotid region	Croft
Apr. 10	Cranial cavity	Scalp, interior of skull, cranial fossae	Croft
Apr. 12	Orbit and eye	Orbit and contents *Group Practical*	Croft
Apr. 14	Organization of the neck	Neck 1	Croft
Apr. 17	Laryngeal region	Neck 2	Croft
Apr. 19	Ear	Ear *Group Practical*	Croft
Apr. 21	Oral region	Temporal region	Croft
Apr. 24	Nasopharynx	Disarticulation and bisection of head	Croft
Apr. 26	Head autonomies	Disarticulation and bisection of head (cont.)	Croft
Apr. 28	(Possible review)	Review *Group Practical*	Croft
May 1	Head and Neck Exam	Head and Neck Exam	

Faculty and Lecturers

Darin A. Croft, PhD (Course Director), EG03, 368-5268, dac34@case.edu

Rebecca Enterline, BS, WG46, rx100@case.edu

Barbara K. Freeman, PhD, EG04, 368-4412, bkf@case.edu

Scott W. Simpson, PhD, EG23, 368-1946, sws3@case.edu

Bryan Singelyn, MS, WG46, bms103@case.edu

Teaching Assistants: Michael Brosman, Trung Bui, Brian Carter, Brandon DeClouette, Brant Page, Mack Reece

Books: There is no single required text; these resources are primarily intended to supplement content presented in lecture and lab. Any of the following texts and/or atlases are suitable. Used books and older editions are fine. A limited number of used atlases and dissectors will be available for use in lab.

- **Text**
 - *Clinically Oriented Anatomy* by Keith Moore and Anne Agur
 - *Gray's Anatomy for Students* by Richard Drake, Wayne Vogl, and Adam Mitchell
- **Atlas**
 - *Atlas of Anatomy (Thieme)* by Anne M. Gilroy et al. (use [this link](#) for 30% off)
 - *Atlas of Human Anatomy* by Frank Netter
 - *Grant's Atlas of Anatomy* by Anne Agur and Arthur F. Dalley
 - *Color Atlas of Anatomy* by Johannes Rohen and Chihiro Yokochi (photographic)
- **Dissector**
 - *Grant's Dissector* by Alan Detton

Lab Supplies: You should obtain the following equipment before the first lab: (1) nitrile (non-latex) gloves; (2) scalpel blades, size #10 (one box per lab group is sufficient); (3) scrubs or other clothing that can be discarded at the end of the semester; (4) shoes for use in lab. Googles are optional. If you would like to use a respirator in lab, one can be purchased through CWRU.

Lockers: If you are not a CWRU medical student, you can use one of the hallway lockers numbered #40-80 outside lab to store your equipment. You must supply your own lock. Medical students should use their upstairs lockers since the number of lockers on the ground floor is limited.

Grading: The course must be taken for a letter grade. Letter grades are generally assigned as follows: A, 90-100%; B, 80-89%; C, 70-79%; D, 60-69%, F, 59% and below. The lecture and lab portions of the course count equally toward your grade. Each section of the course contributes to the final grade as follows:

Thorax: 10%

Abdomen: 15%

Pelvis and perineum: 15%

Lower limb and back: 15%

Upper limb: 15%

Head and neck: 30%

Additional details for each section of the course will be provided by the faculty member teaching that section. Lecture slides and other files will be posted on [Blackboard](#).