

ANATOMY 411 (Spring 2019)
 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. 14	Introduction; nervous system	(none)	Croft
Jan. 16	Nervous; anterior thoracic wall	Anterior thoracic wall	Croft
Jan. 18	Pleural cavity and lungs	Pleural cavities, lungs	Croft
Jan. 21	(MLK HOLIDAY)	(MLK HOLIDAY)	-
Jan. 23	Heart and mediastinum	Heart removal and dissection	Croft
Jan. 25	Posterior and superior mediastinum	Posterior and superior mediastinum	Croft
Jan. 28	Review and catch-up	Mock practical exam	Croft
Jan. 30	Thorax Lecture Exam	Thorax Practical Exam	-
	<u>ABDOMEN</u>		
Feb. 1	Inguinal region, spermatic cord, testis	Ant. abdominal wall, inguinal region, testis	Singelyn
Feb. 4	Upper abdomen	Peritoneal cavity, celiac trunk, stomach, spleen, liver	Singelyn
Feb. 6	Lower abdomen	Superior and inferior mesenteric arteries, intestines, pancreas, portal vein	Singelyn
Feb. 8	Kidneys and posterior abdominal wall	Removal of GI tract, kidneys, posterior abdominal wall, diaphragm	Singelyn
Feb. 11	Abdomen Lecture Exam	Abdomen Practical Exam	-
	<u>PELVIS AND PERINEUM</u>		
Feb. 13	Pelvic cavity, floor, gluteal region	Anal region	Singelyn
Feb. 15	Male/female perineum	Urogenital triangle and pelvic viscera	Singelyn
Feb. 18	Male/female reproductive systems	Male and female pelvis and perineum	Singelyn
Feb. 20	Reproductive systems (cont.) and review	Complete dissections and review	Singelyn
Feb. 22	Pelvis and Perineum Exam	Pelvis and Perineum Exam	-
	<u>LOWER LIMB AND BACK</u>		
Feb. 25	Back	Back	Simpson
Feb. 27	Introduction, anterior and medial thigh	Anterior and medial thigh	Simpson
March 1	Gluteal region, post. thigh, popliteal fossa	Gluteal region, post. thigh, popliteal fossa	Simpson
March 4	Hip, knee, and leg	Hip and knee	Simpson
March 6	Ankle, foot, and function	Crura, ankle, foot	Simpson
March 8	Lower Limb Exam	Lower Limb Exam	-
Mar. 11-15	(SPRING BREAK)	(SPRING BREAK)	
	<u>UPPER LIMB</u>		
March 18	Shoulder	Shoulder	Simpson
March 20	Brachial plexus	Brachial plexus	Simpson
March 22	Brachium and arm	Brachium and arm	Simpson
March 25	Ventral forearm and hand	Ventral forearm and hand	Simpson
March 27	Dorsal forearm and hand	Dorsal forearm and hand	Singelyn
March 29	Upper Limb Exam	Upper Limb Exam	-

<u>HEAD AND NECK</u>			
April 1	Overview and skull	Cranial osteology *Small group rooms*	Croft
April 3	Cranial nerves	CRANIAL OSTEOLOGY QUIZ	Croft
April 5	Face, scalp, vasculature	Face and parotid region	Croft
April 8	Cranial cavity	Scalp, interior of skull, cranial fossae	Croft
April 10	Orbit and eye	Orbit and contents *Group Practical*	Croft
April 12	Organization of the neck	Neck 1	Croft
April 15	Laryngeal region	Neck 2	Croft
April 17	Ear	Ear *Group Practical*	Croft
April 19	Oral region	Temporal region	Croft
April 22	Nasopharynx	Disarticulation and bisection of head	Croft
April 24	Head autonomies	Disarticulation and bisection of head (cont.)	Croft
April 26	(Possible review)	Review *Group Practical*	Croft
April 29	Head and Neck Exam	Head and Neck Exam	-

Faculty and Lecturers

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Teaching Assistants: [Elizabeth Clayton](#), [Jonah Duran](#), [Idris Hanidu](#), [Bradley Krapes](#), [Tara Nutcharoen](#)

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 Rothen 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) shoes for use in lab. Scrubs are mandatory. These can be obtained free of charge (with your student ID) from the vending machines in E430. See the "Scrub Program Information" file on Canvas for additional information. Goggles 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 may use one of the hallway lockers outside lab (numbers #40-80 only) 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: Graduate and undergraduate students must take the course for a letter grade. Medical students may take the course pass/fail.

Letter grades are generally assigned as follows: A, 90-100%; B, 80-89%; C, 70-79%; D, 60-69%, F, 59% and below. The passing score for a medical student is 80%.

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 Canvas.