

THE COLLEGE OF WILLIAM AND MARY
DEPARTMENT OF KINESIOLOGY & HEALTH SCIENCES

KINE 314/315, Human Anatomy Laboratory
Fall, 2018

Instructors: Ann deGruy Scanlon, MPT
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Evie Burnet, PhD, DPT
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COURSE DESCRIPTION

The laboratory section of the human anatomy course is designed to provide the student with an applied approach to the structures of the human body. The laboratory experiences consist of detailed examination of bones and cadavers focusing on the skeletal, muscular, articular, circulatory, respiratory, and nervous systems of the body. The digestive, urinary, and reproductive systems are also covered.

REQUIRED TEXT

McCoy, R., E. Burnet, & A. Queen. (2018). Human Anatomy Manual,
Department of Kinesiology & Health Sciences, The College of William and Mary.

OPTIONAL TEXT

Netter, F.H. (2014). Atlas of Human Anatomy, 6th edition, Novartis, NJ., or older edition.

LAB FEE

A \$ 85.00 lab fee will cover the cost of the lab manual, scalpel blades, non-sterile examination gloves, and use of the cadavers.

GRADING:

Exam 1	33.3%
Exam 2	33.3%
Exam 3	33.4%

Attendance in lab is mandatory to pass the course. Be sure you attend lab every week. Contact your instructor if you have to switch labs for a compelling reason.

The lab will be open at selected times on a weekly basis and prior to each lab exam for review.

YOU MUST READ THE LAB MANUAL BEFORE EACH LAB TO KNOW WHAT YOU ARE GOING TO COVER.

LABORATORY SCHEDULE

	<u>Lab #</u>	<u>Chapter #</u>	<u>Topic</u>	<u>Lab Book Pages</u>
<u>September</u>				
4 6	1	1	Introduction, terminology, bones of lower extremity, surface anatomy, dissection of the anterior thigh	1 - 6
		2	Dissection of the posterior thigh and gluteal region	7 - 12
		3	Posterior thigh and gluteal regions	13 - 17
11 13	2	4	Dissection of popliteal region and lower leg	18 - 22
18 20	3	5	Dissection of foot, hip, knee, and ankle joints, surface anatomy	23 - 29
	Review		Appendix A	
25 27	4		<u>Exam # 1</u> (pages 1 - 29)	
<u>October</u>				
2 4	5	6	Bones of the upper extremity, Dissection of the chest, axilla, and back muscles	30 - 36
9 11	6	7	Dissection of upper arm	37 - 40
		8	Dissection of forearm	41 - 45
16 18			Fall Break	
23 25	7	9	Dissection of the hand, shoulder, elbow, and wrist, surface anatomy	46 - 51
	Review		Appendix B	
30 1	8		<u>Exam # 2</u> (pages 30 - 51)	

November

6	8	9	10	Bones of the axial skeleton, Dissection of abdominal muscles, the heart, and Respiratory and Urinary systems	52 - 62
13	15	10	11	Digestive Systems, Abdominal arteries	63 - 67
20	22			Thanksgiving Break	
27	29	11	12	Reproductive system, Central nervous system	68 - 73
		Review		Appendix C	
<u>December</u>					
4	6	12		<u>Exam #3</u> (pages 52 – 73)	