

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

KINE 314/315, Human Anatomy Laboratory  
Fall, 2011

Instructors: Ann deGruy Scanlon, MPT  
Megan Warco, DPT  
Evie Burnet, PhD, MPT  
Ray McCoy, PhD

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.W. (2011). Human Anatomy Manual,  
Department of Kinesiology & Health Sciences, The College of William and Mary.

OPTIONAL TEXT

Netter, F.H. (1997). Atlas of Human Anatomy, Novartis, NJ.

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.** Attendance records will be kept.

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>Topic</u>	<u>Lab Book Pages</u>
<u>August</u> 29, 30, 31	1	Introduction, terminology, bones of lower extremity, surface anatomy, dissection of the anterior thigh	1 - 17
<u>September</u> 5 6 7	2	Dissection of the posterior thigh and gluteal region	18 - 24
12 13 14	3	Dissection of popliteal region and lower leg	25 - 32
19 20 21	4	Dissection of foot, hip, knee, and ankle joints, surface anatomy	33 - 43
26 27 28	5	<b><u>Exam # 1</u></b> (pages 1 - 43)	
<u>October</u> 3 4 5	6	Bones of the upper extremity, Dissection of the chest and back	55 - 62
10 11 12		Fall Break	
17 18 19	7	Dissection of axilla and upper arm	63 - 71
	8	Dissection of forearm and hand	72 - 79
24 25 26	9	Dissection of the hand, shoulder, elbow, and wrist, surface anatomy	80 - 91
<u>November</u> 31 1 2	10	<b><u>Exam # 2</u></b> (pages 55 - 91)	
7 8 9	11	Bones of the axial skeleton, Dissection of abdominal and back muscles, and heart	106 - 122
14 15 16	12	Respiratory and Digestive Systems, Abdominal arteries	123 - 136
22 23 24		Thanksgiving Break	
28 29 30	13	Urinary system, Reproductive system, Central nervous system	137 - 150

**Exam #3** (pages 106 – 150)

Monday lab: Wednesday, December 7th, at 7:00, or 8:15.

Tuesday labs: Thursday, December 8<sup>th</sup>, at 7:00, 8:15, or 9:30 am.

Wednesday labs: Tuesday, December 6<sup>th</sup>, at 7:00, 8:15, or 9:30 pm.