

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

KINE 303, Human Anatomy  
Fall 2018  
Course Blackboard website: Use it !

Instructor: Dr. Ray McCoy  
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Office: Adair Hall, Rm 111  
Office Hours: MWF 10:00 &  
by appt.  
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Course Description

The course is designed to provide the student with a detailed view of the human body. Emphasis will be placed on the skeletal, articular, muscular, cardiorespiratory, and nervous systems of the body. The digestive, urinary, and reproductive systems are also covered. Laboratory experiences include cadaver dissection.

Objectives of the Course

Upon successful completion of this course the student will:

1. Describe, in detail, the skeletal, articular, nervous, and muscular systems of the human body.
2. Describe the major components of the circulatory, digestive, respiratory, urinary, and reproductive systems.
3. Understand anatomical terms of direction and movement.
4. Relate the muscles and bones seen in the laboratory dissection to those of the living body.
5. Relate the contraction of muscles with the movements that are produced.

Required Text

Martini, F., R. Tallitsch & J. Nath. (2018). Human Anatomy, 7th, 8th or 9<sup>th</sup> ed.,  
Pearson Benjamin Cummings Publisher.

McCoy, R. (2018). Human Anatomy Lecture Notes. William and Mary Bookstore.

Grading

Exam 1	22%	
Exam 2	22%	
Exam 3	22%	
Exam 4 (Final)	22%	
Movement Analysis	5%	
Homework	7%	Mastering A&P (code: MAPMCCOY****)

Computers, cell phones, and other electronic devices are **not** permitted during exams.

The College of William & Mary has had an honor code since at least 1779. Academic integrity is at the heart of the university, and we all are responsible for upholding the ideals of honor and integrity. The student-led honor system is responsible for resolving any suspected violations of the Honor Code, and I will report all suspected instances of academic dishonesty to the honor system. The Student Handbook ([www.wm.edu/studenthandbook](http://www.wm.edu/studenthandbook)) includes your responsibilities as a student and the full Code. Your full participation and observance of the Honor Code is expected. To read the Honor Code, see [www.wm.edu/honor](http://www.wm.edu/honor)"

William & Mary accommodates students with disabilities in accordance with federal laws and university policy. Any student who feels they may need an accommodation based on the impact of a learning, psychiatric, physical, or chronic health diagnosis should contact Student Accessibility Services staff at 757-221-2512 or at [sas@wm.edu](mailto:sas@wm.edu) to determine if accommodations are warranted and to obtain an official letter of accommodation. For more information, please visit [www.wm.edu/sas](http://www.wm.edu/sas)

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Lecture Schedule

Fall 2018

DATE	TOPIC	TEXT PAGES, (7 <sup>th</sup> ed)
August 29	Introduction, organization of the body	1 - 26
September 31 3	Tissues of the body – epithelium, connective	53 - 77
5	Integumentary system	90 - 114
7 10	Tissues of the body – cartilage, osteology	71 - 75 115 - 138
12 14	Arthrology Knee joint	211 - 242 231 - 234
17 19	Myology	243 - 266
21	<b><u>Exam 1</u></b>	
24	Muscles controlling the knee joint	311 - 315

26 28	Ankle and foot joints Lower leg and foot muscles	205-206, 235 - 237 315 - 325
October		
1 3	Hip joint Muscles controlling the hip joint	228 - 230 308 - 311
5	Pelvic girdle Muscles controlling the pelvic girdle	192 - 199 308 - 311
8	Shoulder joint and pectoral girdle	182 - 185, 223 - 215
10	Shoulder joint muscles Shoulder girdle muscles	294 - 298, 324 - 327 292 - 294
12	<b><u>Exam 2</u></b>	
15	Fall Break	
17	Elbow joint and muscles	225 - 226, 299 - 300
19 22	Radio-ulnar, wrist, and hand joints Forearm and hand muscles	216 - 217, 225 - 228 299 - 307
24	Vertebral column	164 - 174, 221 - 222
26	Abdominal and Back muscles	277 - 284
29 31	Heart	547 - 569
November		
2 5	Circulatory system Lymphatic system	570 - 577 607 - 628
7 9	Respiratory system	629 - 656
12	<b><u>Exam 3</u></b>	
14 16	Digestive system	658 - 694
19	Urinary system Reproductive system	695 - 715 716 - 748

21-25	Thanksgiving Break	
26	Neurology	346 - 366
28 30	Central nervous system, Brain Cranial nerves	405 – 435 436 – 447
December		
3	Central nervous system, Spinal cord	367 - 375
5	Central nervous system, Pathways General and Special senses	392 - 403 470 - 502
7	Reflexes Autonomic nervous system	386 - 389 452 - 469
10	<b><u>Final</u></b> – Monday, 9:00 AM	