

THE COLLEGE OF WILLIAM AND MARY
DEPARTMENT OF KINESIOLOGY

Kin 303, Human Anatomy
Fall 2007
Course Blackboard website: Use it !

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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., M. Timmons, & R. Tallitsch. (2006). Human Anatomy, 5th ed.,
Pearson Benjamin Cummings Publisher.

McCoy, R. (2007). Human Anatomy Lecture Notes. William and Mary Bookstore.

Grading

Exam 1	23%
Exam 2	23%
Exam 3	23%
Final	23%
Movement Analyses	8%

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Lecture Schedule

Fall 2006

DATE	TOPIC	TEXT PAGES
August		
29	Introduction, organization of the body Tissues of the body – epithelium, connective	1 - 25 50 - 68
31	Tissues of the body – cartilage	68 – 73
September		
3	Osteology	106 - 126
5	Integumentary system	87 - 105
7 10	Arthrology Knee joint	205 - 234 225 - 227
12 14	Myology	235 - 256
17	Muscles controlling the knee joint	300 - 304
19	<u>Exam 1</u>	
21	Ankle and foot joints	212, 228 - 229
24	Lower leg and foot muscles	305 - 312
26	Hip joint	210, 223 - 224
28	Muscles controlling the hip joint	298 - 300
October		
1	Pelvic girdle Muscles controlling the pelvic girdle	186 - 193 298 - 300
3	Upper extremity overview Shoulder joint and pectoral girdle	174 - 177, 217 – 219 210
5	Shoulder joint muscles	287 - 288

October		
8	Shoulder girdle muscles	284 - 286
10	Elbow joint and muscles	219 - 220, 289
12	<u>Exam 2</u>	
17	Radio-ulnar, wrist, and hand joints	221 - 222
19 22	Forearm and hand muscles	289 - 297
24	Vertebral column	156 - 168
26	Abdominal and Back muscles	267 - 275
29 31	Heart	541 - 560
November		
2	Circulatory system Lymphatic system	565 - 574 602 - 619
5 7	Respiratory system	623 - 646
9	<u>Exam 3</u>	
12 14	Digestive system	649 - 685
16	Urinary system Reproductive system	687 - 707 708 - 738
19	Neurology	330 - 350
26 28	Central nervous system, Brain Cranial nerves	378 - 406 406 - 417
30	Central nervous system, Spinal cord Central nervous system, Pathways	351 - 370 425- 440
December		
3	General and Special senses Reflexes	466 - 499 371 - 373
5 7	Autonomic nervous system	445 - 461
Dec 11	Final - Tuesday, 8:30 AM	