

WILLIAM & MARY
DEPARTMENT OF KINESIOLOGY
Kinesiology 303, Human Anatomy
Spring 2022

Instructor: Evie Burnet, PT, DPT, PhD
Email: enburnet@wm.edu
Office Hours: by appointment

Course Description

This course provides 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.

Course Objectives

Upon successful completion of this course the student will be able to:

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 contraction of muscles with the movements that are produced.

Prerequisites and/or Course Requirements

Students enrolled in this course should have demonstrated successful completion of KINE 200, BIOL 220, BIOL 204, BIOL 225, or BIOL 203. KINE 314/315 Anatomy Laboratory is not required for this course.

Recommended Text

Martini, F., M. Timmons, & R. Tallitsch. (2014). Human Anatomy, 9th ed., (or the 6th, 7th or 8th edition) Pearson Benjamin Cummings Publisher. ****Any edition is fine.****

If you prefer an E-text for \$9.99/month, please utilize the following link.

<https://www.pearson.com/store/en-us/pearsonplus/p/9780135212936.html>

Grading

Exam 1	20 %
Exam 2	20 %
Exam 3	20 %
Final	20 %
Checkpoints	20 %

All final grades are rounded to the nearest whole number (ex: 84.4 becomes an 84; 84.5 becomes an 85). In the event of a curve, changes to the scale will be posted to Blackboard. Please note that the "Total" column in Blackboard **DOES NOT** correctly show your weighted average for the course. The following grading scale applies:

Letter	Numerical Grade
--------	-----------------

A	93-100
A-	90-92
B+	87-89
B	83-86
B-	80-82
C+	77-79
C	73-76
C-	70-72
D+	67-69
D	63-66
D-	60-62
F	Below 60

Class Requirements/Policies

Class announcements will be posted on Blackboard or students will be notified by email when changes or additions are made to the syllabus or course on Blackboard.

While there is no lecture attendance policy, attendance is critical to your success in this course. Should you be unable to attend for illness reasons, please reach out to the instructor for accommodations.

Checkpoints will be turned in by 11:59 pm EST on the due date. Late assignments will only be accepted when a valid excuse has been ***preapproved***.

All exams will be taken through Blackboard. The final exam is not cumulative. HonorLock software will be utilized and should be downloaded prior to the exam, and opened with Chrome. It is the student's responsibility to contact HonorLock support, not the instructor, if problems arise during the exam. Should changes need to be made to your exam time/day, these arrangements need to be made ***prior to the absence***.

Accommodations

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 to determine if accommodations are warranted and to obtain an official letter of accommodation. For more information, please see www.wm.edu/sas.

Honor Code

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) 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. ***All academic work, including topic checkpoints, assignments, and exams, is to be your own work. Therefore, group work and use of previous course material to***

include but not be limited to checkpoints, assignments and exams are not permitted. When in doubt, it is your responsibility to confirm whether collaboration is permitted.

Mental and Physical Well-Being

William & Mary recognizes that students juggle different responsibilities and can face challenges that make learning difficult. There are many resources available at W&M to help students navigate emotional/psychological, physical/medical, material/accessibility concerns. Asking for help is a sign of courage and strength. If you or someone you know is experiencing any of these challenges, we encourage you to reach out to the following offices:

- For psychological/emotional stress, please consider reaching out to the W&M Counseling Center <https://www.wm.edu/offices/wellness/counselingcenter/>; or (757) 221-3620, 240 Gooch Dr., 2nd floor. Services are free and confidential.
- For physical/medical concerns, please consider reaching out to the W&M Health Center at <https://www.wm.edu/offices/wellness/healthcenter/>; or (757) 221-4386, 240 Gooch Drive.
- For additional support or resources, please contact the Dean of Students by submitting a Care Report at <https://www.wm.edu/offices/deanofstudents/services/caresupportservices/index.php>; or by calling 757-221-2510, or by emailing deanofstudents@wm.edu.
- For a list of many other resources available to students, see [Health and Wellness Resources for Students](#)

As your professor, I also ask you to reach out to me if you are facing challenges inside or outside the classroom; I will guide you to appropriate resources on campus.

Tentative Class Schedule

Add/Drop Deadline: 2/4 at 11:59pm

Withdrawal Deadline: 3/28 at 11:59pm

	Associated Readings	Due Dates
<i>Exam 1 Material</i>		<i>26 January to 16 February</i>
Topic 1: Introduction, Organization of the Body	p. 1-26	1/26
Topic 2: Tissues of the Body	p. 49-85	1/28
Topic 3: Integumentary System	p. 86-106	1/31
Topic 4: Osteology	p. 107-130	2/2
Topic 5: Arthrology	p. 203-211	2/4
Topic 6: Knee Joint	p. 190-195, 224-228	2/7
Topic 7: Myology	p. 235-258	2/9-2/11
Checkpoints (Topics 1 – 7)		By 15 February at 11:59pm EST
Exam #1 (Topics 1 – 7)		16 February 8am to 11:59pm EST
<i>Exam 2 Material</i>		<i>14 February to 7 March</i>
Topic 8: Knee Joint Muscles	p. 306-311	2/14
Topic 9: Ankle and Foot Joints, Lower Leg and Foot Muscles	p. 196-197, 228-231, 309–318	2/18-2/21
Topic 10: Hip Joint and Muscles Controlling the Hip Joint	p. 185-192, 222-224, 303-306	2/23-2/25
Topic 11: Pelvic Girdle and Muscles Controlling the Pelvic Girdle	p. 184-189, 303-306	2/28-3/2
Checkpoints (Topics 8 – 11)		By 6 March at 11:59pm EST
Exam #2 (Topics 8 – 11)		7 March 8am to 11:59pm EST
<i>Exam 3 Material</i>		<i>4 March to 6 April</i>
Topic 12: Upper Extremity Overview; Shoulder Joint and Shoulder Girdle	p. 174-177, 216-219	3/4
Topic 13: Shoulder Joint and Girdle Muscles	p. 286-291	3/9-3/11
Topic 14: Elbow Joint and Muscles	p. 177-181, 219-221, 288-295	3/21
Topic 15: Radioulnar, Wrist and Hand Joints; Forearm and Hand Muscles	p. 182, 221-222, 294-303	3/23-3/25
Topics 16 and 17: Vertebral Column; Abdominal, Back and Other Muscles	p. 158-168, 270-275	3/28-4/1
Checkpoints (Topics 12 – 17)		By 5 April at 11:59pm EST
Exam #3 (Topics 12 – 17)		6 April 8am to 11:59pm EST

<u>Exam 4 Material</u>		<u>4 April to 6 May</u>
Topic 18: Heart and Circulatory System	p. 545-596	4/4-4/8
Topic 19: Lymphatic System	p. 603-623	4/11
Topic 20: Respiratory System	p. 624-649	4/13
Topic 21: Digestive System	p. 650-686	4/15
Topic 22: Urinary System	p. 687-706	4/18-4/20
Topic 23 and 24: Neurology and the Brain	p. 338-359, 403-448	4/22-4/29
Topic 25 and 26: Spinal Cord, Pathways, and Special Senses	p. 360-386, 387-402, 471-505	5/2-5/6
Checkpoints (Topics 18 – 26)		By 15 May at 11:59pm EST
Final Exam (Topics 18 – 26)		16 May by 11:00 am EST