



## Walters State Community College Course Syllabus

### Course Information

**Course Number and Name:** BIOL 2020 Human Anatomy and Phys II

**Section ID:** 50232.202350

**Semester and Year:** Summer 2023

**Credit Hours:** 3

**Start Date:** June 01, 2023

**End Date:** August 03, 2023

**Course Format:** WEB - Web Classes

**Catalog Course Description:** BIOL 2020 is a continuation of the study of the structure and function of the human body from BIOL 2010. The topics studied include fluid and electrolyte balance, as well as a study of the following organ systems: cardiovascular, respiratory, urinary, lymphatic, immune, reproductive, and endocrine systems. Prerequisite: BIOL 2010 with a letter grade of C or higher.

**Pre/Co-requisite:** BIOL 2021. **F,S, Su**

**General Education Course Designation:** General Education Course

**Meeting Details:** TBD

**Course Drop Deadline:** July 12, 2023

### Instructor Information

**Name:** Dr. Jerry Wilhoit

**Role:** Professor

**Office Location:** WSGC 210

**Office Hours:** As listed in eLearn

**Office Phone:** 423-798-7952

**Email:** Jerry.Wilhoit@ws.edu

**Supervisor Name:** Dr. Matthew Smith, Dean Natural Science Division

**Supervisor Phone:** 423-585-6865

**Secretary Name:** Sherry Woody

**Secretary Phone:** 423-585-6928

## Required Textbook(s) and Materials

### **Human Anatomy & Physiology**

**ISBN:** 9780321927040

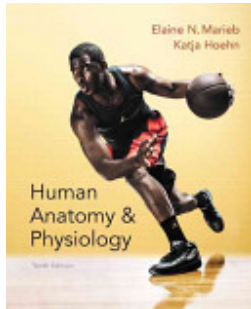
**Authors:** Elaine Nicpon Marieb, Katja Hoehn

**Publisher:** Pearson

**Publication Date:** 2014-12-24

**Edition:** Any edition back to the 9th edition

### **Additional Information**



Human Anatomy & Physiology

### **Additional Information**

I recommend picking up a used text on Amazon. Course materials (notes, supplements, videos) are electronic and accessible via d2L/eLearn. An electronic device (computer, laptop, tablet) to access these materials outside of class will be needed.

## Student Learning Outcomes/Objectives

- BIOL 2020 will allow the student to be able to address the following topics by:
  1. Endocrine System: Developing an understanding of the structure and function of the endocrine system with an emphasis on hormones and their mode of action.
  2. Reproductive System, Pregnancy, and Development: Identifying reproductive anatomy and understanding reproductive physiology and its role in pregnancy and development.
  3. Cardiovascular System: Demonstrating an understanding of the cardiovascular system including the structure and function of the heart and blood vessels as well as the function and composition of blood.

4. Lymphatic and Immune Systems: Recognizing the anatomical structures of both the lymphatic and immune systems while demonstrating an understanding of the physiological processes involved in the immune response to pathogens in the human body.
5. Respiratory System: Learning respiratory anatomy and describing respiratory physiology including ventilation processes responsible for respiration.
6. Urinary System and Fluid, Electrolyte, and Acid-Base Balance: Identifying urinary anatomy, understanding diuresis and the effects.

## Instructional Approach and Methods

### Online Instructional and Evaluation Methods:

Reading: The textbook provides a highly detailed introduction to anatomy and physiology; the book covers all of the topics that are approached in the course; in many cases, in much greater detail. Thus, it will serve to augment course materials and to provide material for study. In addition, readings in the book will support the material that you will be studying in labs. Outlines and PowerPoint presentations used in the course will be available for your review on the Walters State eLearn page for this course. **Students are responsible for printing copies of the outlines and other supplemental materials used in the course. It is highly recommended that you download the powerpoints as many of them include animations that will only work when downloaded and played.**

### Expectations:

You are expected log in to eLearn at a minimum of 3x per week. It is recommended that you log on more frequently and complete assignments as outlined by your instructor. Satisfactory performance in college courses generally asks for two hours of study outside of class for each hour in class. This estimate applies to an “average” student expecting an “adequate” (= C) grade. Students aiming higher or those with academic problems should expect to spend more effort than the minimum. Should you procrastinate, not read ahead of time or expect to cram everything on last days before exams, this course may not be for you.

### LECTURE TOPICS

The Endocrine System

Blood

The Cardiovascular System: The Heart

The Cardiovascular System: Blood Vessels

## **LECTURE TOPICS**

The Lymphatic System and Lymphoid Organs and Tissues  
The Immune System: Innate and Adaptive & Body Defenses  
The Respiratory System  
The Urinary System  
Fluid, Electrolyte, and Acid-Base Balance  
The Reproductive System  
Pregnancy and Human Development

## **Assessment, Evaluation and Testing Procedures**

### **Testing Procedures**

Anatomy and physiology exams will emphasize factual knowledge and assess the achievement of course learning outcomes. Multiple choice, short answer and essay questions may be used. Exams focus on materials presented as supplemented and amplified by the readings.

There will be 5 lecture tests, worth 90% of the overall grade and the comprehensive final, worth 10% of the overall grade, that is inclusive of content covered over the entire semester Please realize that missed exams will require documentation of an excused absence before a makeup exam is permitted.

**All make-up exams must be taken before the next scheduled exam. Each test must be taken to pass this course.**

Online exams may require the use of computer programs or apps such as Respondus Lockdown Browser with monitor or proctored at an approved location. Testing programs may require the use of a web cam and microphone. Students are responsible to ensure their device is compatible with the program designated by the instructor. Your instructor will provide additional specific details required to complete the online exams in the “Getting Started Module” on eLearn. Failure to use the approved testing criteria may result in a zero for the exam.

## **Grading Scale**

Lecture Tests	90%
1 Comprehensive Final	10%
Total	100%

### Extra Credit:

Each professor has the option to offer the opportunity to earn up to **25** additional points through the semester. Examples include, but are not limited to, bonus questions on exams, in class quizzes, attending a scientific event, etc. The instructor's policy will be explained in detail on the first day of class. In no instance, will credit be provided for any activity not related to the scope of the course. The aim of the class is to get a solid understanding of anatomy & physiology so that grades reflect our abilities to communicate the material and not a supplementary assignment or task. All students especially those that feel they are struggling with the material, are strongly encouraged to use office hours, send emails, make appointments for extra help, etc. throughout the semester.

A	90% and Above
B	80-89%
C	70-79%
D	60-69%
F	Less Than 60%

## Class Participation:

### Exam Policy:

1. **ALL** exams are to be taken at times scheduled by the instructor.
2. **ALL** exams scheduled in the course by the instructor must be taken in order for the student to receive a passing grade.
3. Make-up exams will be given totally at the discretion of the instructor for excused absences only (*excused absences include but are not limited to: illness, death in family, and military or jury duty*). Make-up exams may be different from exams taken at scheduled times (discussion tests are possible).
4. Make-up exams must be taken before the next scheduled exam or a grade of zero will be recorded.
5. Criteria for Proctored/Monitored exams must be followed in order to receive a grade for the exam(s).

## Assignments

Refer to the "Assessments, Evaluation and Testing Procedures" section of the syllabus.

## Academic Honesty

Faculty expect all students to refrain from acts of academic misconduct including but not limited to:

1. Plagiarism - refers to using another person's ideas or writing without giving proper credit to the original source. Indulging in this type of conduct will subject the student to disciplinary sanctions, which may be imposed through the regular institutional procedures of Walters State Community College as outlined in the Student Handbook. Plagiarism will result in a grade of "0" for the paper/exam/presentation. Student Conduct and Disciplinary Sanctions contained in the college Catalog/Student Handbook apply (see policy 04:18:02 Disciplinary Sanctions). Plagiarism includes, but is not limited to the following:
  - a. Using cut/paste tool from original document with no references given.
  - b. Copying another student's work and submitting it as one's own.
  - c. Forging or otherwise altering signatures.
  - d. Giving or falsifying academic documents or materials.
2. Cheating - construed as attempting to deceive or mislead which includes, but is not limited to the following:
  - a. Utilizing old tests, projects, notes or written papers.
  - b. Providing unauthorized information to a fellow student about exam content.
  - c. Receiving unauthorized aid from any source with quizzes, examinations, or other assignments.
  - d. Seeking information in an unacceptable manner during/preceding an exam or other assigned work (cheat sheet, verbal exchange, looking at another person's paper or electronic device, utilizing headphones, using textbook when the test/quiz is not an open book test/quiz, using textbook test bank etc.).
  - e. Consulting with a classmate or others when taking a computerized test.
  - f. Disregarding other specific policies and procedures outlined for a particular class.
  - g. Utilizing unapproved technology/electronic equipment during testing (i.e.: mobile devices such as cell phones, smart devices, or tablets, etc.).
  - h. Using the same Internet Protocol network address (IP address) as another student for testing without approval from the course faculty.

## Student Resources

## TUTORING SERVICES

Students in need of tutoring assistance are encouraged to contact the Office of Student Tutoring located as follows:

- Morristown Campus - Student Services Building Room L107 - (423) 585-6920
- Niswonger Campus - GRNV 226 - (423) 798-7982
- Sevierville Campus - MMH Room 210 - (865) 286-2787
- Claiborne Campus - Room 123A - (423) 851-4761

Specific tutoring assistance in mathematics and writing is available in-person and online as follows:

- Morristown Campus - English Learning Lab - HUM 120 - (423) 585-6970

[Walters State English Learning Lab \(opens in new window\)](https://www.waltersstate.edu/academics/humanities/writing-lab)  
[ws.edu/academics/humanities/writing-lab](https://www.waltersstate.edu/academics/humanities/writing-lab)

- Morristown Campus - Mathematics Lab - MBSS 222 - (423) 585-6872

[Walters State Mathematics Learning Lab \(opens in new window\)](https://www.waltersstate.edu/academics/mathematics/learning-lab)  
[ws.edu/academics/mathematics/learning-lab](https://www.waltersstate.edu/academics/mathematics/learning-lab)

## TECHNOLOGY SUPPORT

Students who need assistance with computing and technology issues should contact the IET Helpdesk by phone at Morristown: (423) 318-2742; Niswonger: (423) 798-8186; or Sevierville: (865) 286-2789 or on-line access.

[Walters State Helpdesk \(opens in new window\)](https://www.waltersstate.edu/helpdesk)  
[helpdesk.ws.edu](https://helpdesk.ws.edu)

## STUDENTS WITH DISABILITIES SUPPORT SERVICES

Students with disabilities must register with Student Support Services each semester in the Student Services Building, Room U134 (phone (423) 585-6892) if they need any special facilities, services, or consideration.

[Walters State Student Support Services \(opens in new window\)](https://www.waltersstate.edu/student-services/disability/)  
[ws.edu/student-services/disability/](https://www.waltersstate.edu/student-services/disability/)

## SUICIDE PREVENTION STATEMENT

Walters State is committed to and cares about all students. Support services are available for any person at Walters State who is experiencing feelings of being overwhelmed, hopelessness, depression, thinking about dying by suicide, or is otherwise in need of assistance. For immediate

help, contact the National Suicide Prevention Lifeline by calling or texting 9-8-8 or the Trevor Lifeline at 1-866-488-7386. Veterans may also contact the Veterans Crisis Line at 1-800-273-8255 (press 1) or Text 838255.

Walters State has a relationship in place with the following community agencies to provide services (may include crisis referral services, prevention screenings, etc.):

- Cherokee Health Systems 423-586-5032
- Frontier Health 423-467-3600

## College Policies

### **STUDENTS HANDBOOK AS OFFICIAL GOVERNING DOCUMENT**

This class is governed by the policies and procedures stated in the current Walters State Community College Student Handbook. All students attending Walters State Community College, regardless of the time, location, or format of the class, must abide by the rules and regulations outlined in the current Walters State Catalog/Student Handbook and the current Walters State Timetable of Classes.

[Walters State Catalog \(opens in new window\)](https://catalog.ws.edu/)  
[catalog.ws.edu/](https://catalog.ws.edu/)

[Walters State Timetable of Classes \(opens in new window\)](https://ws.edu/admissions/registration/)  
[ws.edu/admissions/registration/](https://ws.edu/admissions/registration/)

### **PURPOSE, LIMITATIONS AND MODIFICATION OF SYLLABUS**

This syllabus sets forth the expectations for the course content, work, and grading as well as expectations for student performance and conduct. The syllabus does not constitute a contract between the student and the instructor or the College. The information contained here is subject to change at any time. The instructor reserves the right to modify this syllabus at any time with written notification to the students. Though changes are possible, it is expected that the course will be conducted as described in this syllabus for the semester/year specified in the Course Information section of the syllabus. This syllabus is only valid for the semester/year specified and course requirements are not guaranteed for future semesters.

### **COURSE GROUND RULES**

- Students must attend the first day of on-ground class or contact the instructor prior to the first class. Failure to do this may result in being dropped from the class. Excessive absences may substantially lower the course grade.



- Regular class attendance is a student's obligation for any course regardless of format. (See the Walters State Catalog/Student Handbook). If a student misses class, it is his or her responsibility to contact the instructor regarding missed assignments and/or activities and to be prepared for the next class assignment.
- Students enrolled in web courses must follow the course attendance policy defined for online attendance during the first week of class and throughout the term. Failure to do this may result in being dropped from the class during week one OR may result in the accrual of absences which may negatively impact the student's grade in the course.
- Students who have not paid fees on time and/or are not correctly registered for this class and whose names do not appear on official class rolls generated by the Walters State student information system (MyWS) will not be allowed to remain in class or receive credit for this course.
- Electronic devices must not disrupt the instructional process or college-sponsored academic activity. Use of electronic devices is prohibited unless use of the device is relevant to the activity and use is sanctioned by the faculty member in charge. Electronic devices that are not relevant to the activity or sanctioned by the faculty member in charge should be set so that they will not produce an audible sound during classroom instruction or other college-sponsored academic activity.

## **FINANCIAL AID**

Students receiving any type of financial aid or scholarship should contact the Financial Aid Office before making any changes to their schedule. Schedule changes without prior approval may result in loss of award for the current term and future terms.

All forms of student Financial Aid may be jeopardized or lost due to the lack of Satisfactory Academic Progress in one or multiple courses. Lack of Satisfactory Academic Progress may negatively impact a student's degree/certificate completion pace and further jeopardize Financial Aid eligibility.

## **CANCELLATION OF CLASSES AND ACADEMIC CONTINUITY**

For information related to the cancellation of classes due to inclement weather or other events, please check the Senators Emergency Text system or the college's Web site at:

[Walters State Homepage \(opens in new window\)](https://www.waltersstate.edu/home/)  
[ws.edu/home/](https://www.waltersstate.edu/home/)

[Walters State Facebook page \(opens in new window\)](https://www.facebook.com/WaltersState/)  
<https://www.facebook.com/WaltersState/>

[Walters State Twitter page \(opens in new window\)](https://twitter.com/waltersstate)  
<https://twitter.com/waltersstate>

or call the college's student information line, 1-800-225-4770, option 1; the Sevier County Campus, (865) 774-5800, option 7; the Niswonger Campus (423) 798-7940, option 7; or the Claiborne County Campus, 423-636-6200, option 7. Also, please monitor local TV and radio stations for further announcements.

When an event or disaster interrupts the scheduled operations of the college and the ability to proceed with the academic course activities as planned, the college and your instructor may alter the course plan outlined in the syllabus. Should an event occur, students should refer to their course e-Learn pages and/or class materials previously delivered to receive guidance from their instructor. Students should continue to monitor the official college channels of communication listed in the above paragraph. If you would like to sign up for the Senators Emergency Text system, please go to the following Web site:

[Senator Emergency Text System \(opens in new window\)](http://ws.edu/set/)  
[ws.edu/set/](http://ws.edu/set/)

Dual Enrollment students attending on a high school campus should refer to the high school inclement weather cancellations.

## **LEARNING MANAGEMENT SYSTEM**

Brightspace (commonly known as eLearn or D2L) is the college's Learning Management System (LMS).

Brightspace is committed to accessibility by "deliver[ing] a learning experience that meets the needs of all people, regardless of age or ability." [Brightspace Accessibility Standard \(opens in new window\)](#)

Brightspace is also committed to guarding student data and privacy. [Brightspace Privacy Policy \(opens in new window\)](#)