COLLEGE OF THE REDWOODS

Syllabus for Biology 6

Course Information

- Semester and Year: Fall 2025
- Course ID and Section number: BIOL-6-0268
- Instructor's name: Jamie Jackson
- Day and time of required meetings: Lecture: T/TH 10:15 am – 12:20 pm DN 34; Lab: Online
- Number of proctored exams: 0
- Course units: 4.0

Instructor Contact Information

- Office location or Online: Canvas Course Link
- Office hours: By Appointment
- Phone number: 626-768-8344 (Emergency Only: Please Text)
- Email address: jamie-jackson@redwwods.edu
- Communication notes: **I will make every effort to respond to student inquiries within 24 Hours**

Required Text and Materials

There are several access options available for the text and other resources used in Human Anatomy. Choose the one that seems best for you. Please use the link (below) to browse the text access options. Please keep in mind you **MUST** purchase an option that comes with access to **WileyPLUS**.

Tortora Principles of Human Anatomy 15th Edition.Links to an external site.

EXAM MATERIALS COME FROM THE TORTORA TEXT.

WileyPLUS Course Code Please REGISTER Today

WileyPLUS is **NOT** Optional. Here is the course code and URL to our WileyPLUS Platform. **Depending on the purchase option you chose for the text, you may have already purchased access to WileyPLUS. If so, just follow the directions below to register for the online learning platform.**

To register for your WileyPLUS online resources simply go to www.wileyplus.com/go/loginLinks to an external site.. Click "Sign up now" to create an account. You will be asked to enter your course section ID (**B11006**) for **Human Anatomy Fall 2025** to find your course and complete the registration process.

If you already have a WileyPLUS account, just log in and click the yellow 'Add more courses' button. You will be asked to enter your course section ID (**B11006**) to find your course and complete the registration process.

Catalog Description

An introductory course on human anatomy that includes the study of the gross and microscopic structure of all organ systems of the human body with emphasis on the relationship between structure and function. Laboratory work includes microscopy, dissection, and the study of human cadavers. This course is designed to allow students to develop a deep understanding of the three-dimensional construction of the human body and understand the mechanisms underlying human body functions and activities.

NOTE: *This course is required for application to the CR nursing program*

Course Student Learning Outcomes

Upon completion of this course, you will be able to:

- Describe key structural features of different human cell and major tissue types.
- Identify and describe the anatomy of the systems of the human body.
- Relate structure and function at the cellular through system levels of organization of human body systems.
- Describe structural or anatomical changes that occur in disease, injury or aging of the human body systems.

Course Calendar

Course delivery:

Please note that this course will be taught HYBRID face-to-face only for Lecture Tuesday and Thursday from 10:15am -12:20pm, in DN 34. However, you will also be required to log into Canvas on a regular basis and complete lab assignments, readings, discussions, quizzes, and exams. Please make sure you are comfortable with accessing Canvas on a regular basis.

School starts August 23rd (a Saturday) and our FIRST face-to-face class meeting will take place Tuesday, August 26th. The course Introduction Module-titled "Get Started Here" will be available to you Monday, August 18th. Your first assignment is DUE August 23rd. Please note you will only have access to everything above the graded assignment in the Introduction Module from August 18th until the official start date of the class, August 23rd.

I will communicate through Canvas, so it is important that you log on daily. I will hold office hours each week by appointment only.

Course Schedule Link

Evaluation and Grading Policy

Grades

The purpose of grading is to get an idea of how well you are mastering the material in this course. They help you pinpoint troublesome topics that might trip you up in future courses. There are a billion grades in the gradebook, which means you have a billion opportunities to earn points and improve your grade. Everything in the gradebook is driven by your performance on the assessments in the course... and nothing else. In other words, it doesn't matter how much I love you... the grades you EARN on assignments will translate into the grade you EARN in the class. (But I do love you.)

I will use the following scale to determine the letter grade you earn in my class.			
100.0 - 93.00% = A	89.99 - 87.00% = B+	79.99 - 77.00% = C+	69.99 - 60.00% = D
92.99 - 90.00% = A-	86.99 - 83.00% = B	76.99 - 70.00% = C	< 59.99% = F
	82.99 - 80.00% = B-		

I do NOT bump grades higher than the exact percentage you earn. This means that there is no rounding up. Since grade- boundaries are by definition arbitrary, there is no good rationale for letting the boundaries slide; there will always be a cut-off and there will always be someone who is close, but not quite there. Be grateful for the BILLION opportunities you have to earn points as outlined in this syllabus. The grade reported in Canvas is the grade you will earn in the course.

Assessment

Your performance in the course will be assessed based on your execution of the following requirements. (NOTE: I do not accept late work at any time. My life is just too crazy to handle your late stuff. it will get lost. That said, if you turn something in before I get around to grading everything, then chances are excellent that I will actually accept it. So even if it is late, consider completing the assignments anyway. I'm a busy Chica. You might just get lucky!)

Discussions (25%)

There will be a discussion board for EVERY SINGLE lecture. Most weeks, that means you'll have TWO of these discussions. Contribute to the board in a meaningful and constructive way and you'll get full credit on these assignments. The purpose of this board is to clarify the CONFUSING concepts in the day's lecture as well as celebrate the COOL ones.

Labs (25%)

Each week, there will be LABORATORY activities to complete outside of class, submitted online. WileyPLUS has the ability to let us use a virtual cadaver, as well as access to so many helpful online tools. You will also have a LAB DISCUSSION board where you will talk about the lab and have the ability to problem-solve and brainstorm with your classmates.

Weekly Online Quizzes (15%)

Administered through Canvas, these weekly quizzes will cover ALL lab and lecture material for the week. Every week, quizzes will be posted in MODULES. Quizzes will be due Sunday night by 11:59pm. No late quizzes will be accepted so it is not advised that you wait until 11:58 pm to complete the quiz. You may take the quiz twice, and I will keep the higher score. This is excellent practice for your exams.

BE AWARE: There are no make-up quizzes of any kind!

Exams (35%)

There will be four midterm exams throughout the semester that cover material from both lecture and lab, as well as a comprehensive final exam. BE AWARE: There are no make-up exams of any type, unless you have a verifiable, unavoidable, and extreme circumstance.

BE AWARE: There are no make-up exams of any kind!

HONOR STATEMENT

I promise that the work I do on this exam is my own. I will not consult with any other humans when completing this exam. I understand that I am allowed to use the resources I've created and collected in my External Brain, but I will not use the internet or my textbook to search for information or answers.

This honor statement is designed to ensure the integrity of the exam process, which is an important part of helping support your deep learning and skill building in this class. Please let me know if you have questions or concerns about this.

Prerequisites/corequisites/ recommended preparation

Prerequisite: BIOL1 - General Biology

Ability to relate cellular structure and function to tissue and organ structure and function.

Objectives

- Identify and describe biological molecules.
- Identify cell structures and explain their functions.
- Relate DNA function to an organism's phenotype.
- Relate evolutionary processes to changes in populations.

Outcomes

- Describe attributes of life and explain how cells fulfill these characteristics.

OR

Co-Requisite: BIOL1 - General Biology

Ability to relate cellular structure and function to tissue and organ structure and function.

Objectives

- Identify and describe biological molecules.
- Identify cell structures and explain their functions.
- Relate DNA function to an organism's phenotype.
- Relate evolutionary processes to changes in populations.

Outcomes

- Describe attributes of life and explain how cells fulfill these characteristics.

OR

Prerequisite: BIOL3 - Fundamental Cell Biology

Objectives

- 1. LAB and LECTURE: Identify and describe biological molecules and cell structures and explain their functions.

- 2. LECTURE: Compare and contrast cellular processes and interactions between prokaryotes and eukaryotes (including metabolism, reproduction, communication) .
- 4. LECTURE: Relate evolutionary processes to the origin and evolution of cells.

Outcomes

- Identify and describe biological molecules and cell structures and explain their functions.
- Compare and contrast cellular processes and interactions between prokaryotes and eukaryotes (including metabolism, reproduction, communication, and genetics).
- Explain how DNA replicates and transmits genetic information within organisms.

OR

Co-Requisite: BIOL3 - Fundamental Cell Biology

Objectives

- 1. LAB and LECTURE: Identify and describe biological molecules and cell structures and explain their functions.
- 2. LECTURE: Compare and contrast cellular processes and interactions between prokaryotes and eukaryotes (including metabolism, reproduction, communication) .
- 4. LECTURE: Relate evolutionary processes to the origin and evolution of cells.

Outcomes

- Identify and describe biological molecules and cell structures and explain their functions.
- Compare and contrast cellular processes and interactions between prokaryotes and eukaryotes (including metabolism, reproduction, communication, and genetics).
- Explain how DNA replicates and transmits genetic information within organisms.

Educational Accessibility and Support

College of the Redwoods is committed to providing reasonable accommodations for qualified students who could benefit from additional educational support and services. You may qualify if you have a physical, mental, sensory, or intellectual condition which causes you to struggle academically, including but not limited to:

- Mental health conditions such as depression, anxiety, PTSD, or bipolar disorder
- Common ailments such as arthritis, asthma, diabetes, autoimmune disorders, and diseases

- Temporary impairments such as a broken bone, recovery from significant surgery, or a pregnancy-related disability
- Neurodevelopmental disorders such as a learning disability, intellectual disability, autism, acquired brain injury, or ADHD
- Vision, hearing, or mobility conditions

Available services include extended test time, quiet testing environments, academic assistance and tutoring through the LIGHT Center, counseling and advising, alternate formats of course materials (e.g., audio books, braille, E-texts), assistive technology, learning disability assessments, approval for personal attendants, interpreters, priority registration, on-campus transportation, adaptive physical education and living skills courses, and more. If you believe you might benefit from disability- or health-related services and accommodations, please contact Student Accessibility Support Services (SASS). If you are unsure whether you qualify, please contact Student Accessibility Support Services (SASS) for a consultation: sass@redwoods.edu.

SASS office locations and phone numbers

Eureka campus

- Phone: 707-476-4280
- Location: Learning Resource Center (Library)

Del Norte campus

- Phone: 707-465-2353
- Location: main building, near the Library

Klamath-Trinity campus

- Phone: 707-476-4280