

BIO 205: Human Anatomy & Physiology III Syllabus

Class Meetings:

Lecture – Available 24/7 on Canvas

Laboratory Time: M 3:00 – 5:50 pm OR F 3:00 – 5:50 pm

Laboratory Location: Main Building, S102

Credit: 5 units

Instructors:

Lecture Instructor: Daniel Slutsky, PhD. E-mail: daslutsky@mail.ltcc.edu

Laboratory Instructor: Rayna Harris, PhD. E-mail: rharris2@mail.ltcc.edu

Description: BIO 205 is the last part of a three-course sequence. It is an in-depth study of the structure and function of the human body through the physiological integration of different systems: the lymphatic, respiratory, digestive, urinary, and reproductive systems. Required laboratory work includes wet-lab experiments, microscopic study of tissues, dissection of preserved animal specimens, and study of anatomical models, skeletons, and charts. BIO 203, BIO 204, and BIO 205 complete the study of all major body systems.

Prerequisites: BIO 204 with a grade of "C" or better or equivalent.

Required materials:

1. **FREE Text:** There is no assigned textbook for this course. However, a textbook is an valuable resource for your success in this class. Digital, openly licensed educational materials such as [OpenStax - Anatomy & Physiology 2e](#) can be used. We also encourage you to get a physical text for more detailed information.
2. **Lab Manual:** Exploring Anatomy and Physiology in the Laboratory, 4th edition by Amerman is your required Lab Manual for the lab portion of the course. Graded assignments will be collected from the lab manual. **This is a required text.**
3. **A computer and a stable internet connection.** Access to Canvas is required. There is also an app called "Canvas Student" which provides convenient access to Canvas while on the go; however, some assignments cannot be completed using mobile devices.
4. **Supplies:** Lab coats, nitrile gloves, and Goggles are provided in the lab.

Student Learning Objectives (SLOs)

1. Identify specific anatomical and physiological components of the lymphatic, respiratory, digestive, urinary, and reproductive systems.
2. Compare and contrast the functions of glomerular filtration, tubular reabsorption, and tubular secretion.
3. Complete a group research project and report on assigned diseases.

Lecture Topics and Lecture Exam Dates

Lectures 1-4: Lymphatic System

Lectures 4-8: Digestive System

Exam 1 (Wednesday, May 7, 2025)

Lectures 9-11: Respiratory System

Lectures 12-14: Urinary System

Lectures 15-18: Reproductive System

Exam 2 (Wednesday, June 18, 2025)

Final Exam (Wednesday, June 25, 2025)

Lab Schedule

Date		Lab	Date		Lab
4/7	M	<i>Group Project Presentation Preparation</i>	5/19	M	Units 25 and 26 Urinary System Anatomy & Physiology
4/11	F		5/23	F	
4/14	M	Unit 21 Lymphatics and Immunity	5/26	M	Memorial Day Observance
4/18	F		5/30	F	
4/21	M	Unit 24 Digestive System	6/2	M	Unit 27 Reproductive System
4/25	F		6/6	F	
4/28	M	Unit 24 Digestive System (Continued)	6/9	M	Unit 28 Development and Heredity
5/2	F		6/13	F	
5/5	M	Unit 22 Respiratory System Anatomy	6/16	M	<i>Final Practical</i>
5/9	F		6/20	F	
5/12	M	Unit 23 Respiratory System & Physiology			
5/16	F				

Grading

- **Lecture Exams:** The course is divided into 2 units, each with a lecture exam worth 130 points each. There will also be a cumulative Final Exam worth 120 points. Lecture exams will contain multiple-choice, fill-in-the-blank, matching, and short-answer questions. *Make-up exams are only allowed in cases of a documented emergency. Contact us ASAP if you have an emergency, and we will develop a plan.*
- **Lab Manual Unit Reviews:** Your lab manual contains Unit Reviews at the end of each section. There are two components to the Unit Reviews: a "Check Your Recall" and a "Check Your Understanding". Both parts of these reviews will be collected and graded for completeness. We are looking for time and effort in your answers, and you will not be penalized for wrong answers. Points will be deducted if you do not put effort into your answers or leave questions blank. Reviews are due in the lab or online on their assigned days. Reviews may be turned in up to one week late for half credit.
- **Laboratory Quizzes:** A Canvas quiz will be posted on Canvas at the beginning of lab to test your understanding and participation. The lowest quiz grade is automatically dropped. If you have a scheduling conflict, you may swap sections by coordinating with the lab instructor. A makeup laboratory opportunity will be discussed in lab and will be available through Canvas.
- **Laboratory Practical Exam:** You will complete a hands-on laboratory practical to assess your knowledge. The practical consists of multiple-choice, fill-in-the-blank, matching, and essay questions, and incorporates laboratory equipment like anatomical models and microscopes. *Make-up practical exams are allowed in cases of a documented emergency.*
- **Group Research Project Presentation:** To demonstrate mastery of the Student Learning Outcomes (SLO), you will complete a group research project and report on a disease associated with one of the biological systems studied this quarter.

<u>Graded Assignments</u>	<u>Points Per Assignment</u>	<u>Total</u>
1 Syllabus Quiz	10 points	10
8 Unit Reviews	10 points each	80
7 Lab Quizzes	30 points each	210
1 Lab Practical	200 points	200
1 Group Project	120 points	120
2 Lecture Exams	130 points each	260
1 Final Lecture Exam	120 points	120
Total		1000

GRADING SCALE:

A = 90% of possible points

B = 80% of possible points

C = 70% of possible points

D = 60% of possible points

F = below 60% of possible points

Drop Dates

Please be aware that drop dates and withdrawal dates differ depending on the length of your class. The only time I will drop a student from my course is if they have not attended. It is your responsibility to drop this course if you decide to do so. Contact Enrollment Services for more information. The last day to drop a class without a W on your record is April 18th or with W on your record is May 23rd. Click this link to access the campus due dates for the quarter. [Academic Calendar](#)

Canvas

We use Canvas as our Learning Management System. Canvas works best using Chrome as your web browser. We will use Canvas to communicate, share resources, provide due dates, and post grades. Some of your homework assignments will be submitted on Canvas as well. Please confirm that you are receiving emails from your LTCC account. We also recommend setting up notifications in Canvas to receive alerts for new content.

Email

This is the best way to contact your professors. Our emails are listed on the first page of the syllabus. You can also send messages using the Canvas Inbox. **Make sure you check your school email regularly for important information sent by the instructors.**

Diversity, Tolerance, and Equity

By enrolling in BIO 205 at Lake Tahoe Community College, you agree to abide by the Academic Senate's official Faculty Statement on Tolerance and Diversity. The policy is as follows: The Lake Tahoe Community College Academic Senate promotes a positive learning environment and culture based on open-mindedness, critical thinking, inclusion, tolerance, equity, and respect. Free speech is at the core of our college, but we will not tolerate racist, sexist, homophobic, or any other forms of discriminatory language or behavior. Hate speech and other such language or behavior, as defined in Lake Tahoe Community College Board Policy 5500 — Standards of Student Conduct, will result in Disciplinary Sanctions/Actions, as stated in Administrative Procedure 5520 — Student Discipline Procedures.

Basic Needs

Anyone can find themselves in a situation where they are struggling to meet their basic needs because of unforeseen circumstances such as a health issue, loss of employment, a rent increase, or other common "life" interruptions. The Basic Needs Center at Lake Tahoe Community College helps students focus on their studies and succeed by providing basic needs and support. If you are facing financial hardship and need emergency supplemental food, mental health or medical assistance, help with housing, transportation, utilities, or childcare, the Basic Needs Center can help! [Click here for more information](#)

Campus Safety & Security

LTCC takes the health and safety of our students, staff, faculty, and campus visitors seriously. In the event of an emergency, dial 911. For the campus Safety & Security department, dial (530) 541-4660 x 470.

Student Support Services

Under the orientation module in Canvas, you will find links to many support services available to you, including Financial Aid, Counseling, CalWorks, EOPS, Students Accessibility Services (SAS), Tutoring Services, and Canvas Tech Support. As your professors, we are dedicated to ensuring your success in this course. Should you exhibit any academic challenges that might hinder your progress, we are committed to engaging in a discussion with you to address and resolve the issue. Additionally, we may utilize the *Early Alert* system, an online program specifically designed to identify and respond to students encountering academic difficulties. Through this system, we might refer you to the Student Support staff, who will proactively reach out to you and provide the necessary assistance.

Students Accessibility Service (SAS) Accommodations

Students with disabilities may access support through Student Accessibility Services (SAS), though using these services is entirely optional. While a disability is not required to enroll in classes, academic accommodations are available for those who provide appropriate documentation. Assessments can be arranged through SAS. For more information, please visit our website: [Click here](#)

Timely Care

LTCC students, you have 24/7 access year-round to the mental health AND medical support you need, for free! Use the Timely Care app or website to get immediate help, or to schedule a future appointment with a licensed therapist, nurse practitioner, or doctor. If you're currently enrolled, don't wait - get started by visiting timelycare.com/LTCC and get the mental and medical support you need right now! [CLICK HERE to access TimelyCare](#)

Etiquette and Class Policies

- Respect all members of the classroom community.
- Silence cell phones before class.
- Arrive on time and be prepared to engage.
- Audio recording is permitted, but video recording is not allowed.
- Handle all equipment, models, and supplies with care.

Personal Pronouns

Maintaining professional courtesy and sensitivity is essential, especially when discussing topics related to race, culture, religion, politics, sexual orientation, gender identity, and nationality. Class rosters provide the instructor with students' legal names, but preferred names and pronouns will gladly be used upon request. Students are encouraged to share these preferences early in the quarter so that appropriate updates can be made to the records.

Attendance and Participation

We hope that you find the course interesting and see the value in attending every meeting. If you attend and actively participate, you will be much more prepared for the exams. You are a vital part of your classmates' education; please take advantage of the teaching and learning opportunities that happen each time you interact with your peers! Excessive unexcused absences for the laboratory portion will not be tolerated. If you miss the first three weeks of the laboratory, you will automatically be dropped from the course. If you miss six labs in total, you may be given an F or an incomplete. The laboratory quizzes are weighted heavily to encourage participation and attendance.

Tips for Success

This course is both information-rich and time-intensive. Your success will depend on your ability to manage your time effectively and actively engage with the material, the instructor, and peers. As a 5-unit course, plan to dedicate 10 hours per week to studying. Reviewing content with your peers can reinforce your understanding. To maximize your learning experience, we recommend that you:

- Form study groups for discussions
- Attend every lab and watch every lecture until the end.
- Ask questions and share your knowledge whenever possible.
- Stay on top of assignments and complete the work to avoid falling behind.
- Regularly check due dates and exam schedules.
- Reach out if you need accommodation or assistance. If you're struggling with any aspect of the course, others likely are too. Let's work together to support your learning.

Academic Dishonesty and Plagiarism Policy

LTCC has a very specific Academic Dishonesty and Plagiarism Policy. This policy applies to this class, so please read the following policy and understand it in its entirety: [LTCC Academic Dishonesty and Plagiarism Policy.pdf](#)

Understanding what constitutes academic honesty and plagiarism is an important part of being a college student. Academic dishonesty refers to committing or contributing to dishonest acts by those engaged in teaching, learning, research, and related academic activities, and it applies not just to students, but to everyone in the academic environment. Academic dishonesty includes cheating and plagiarism.

- Cheating involves the unauthorized use of information, materials, devices, sources, or practices in completing academic activities.
- Plagiarism is a type of cheating in which someone adopts another person's ideas, words, design, art, music, etc., as their own without acknowledging the source, or, when necessary, obtaining permission from the author. For example, copying and pasting material from a website into your document without proper citation is considered plagiarism.

The specific policies in this LTCC class (again, directly related to LTCC's Academic Dishonesty and Plagiarism Policy) are as follows:

- All work completed in the course must be written in your own words. Cutting and pasting words from another source is considered plagiarism in this class. Plagiarism includes submitting work written by another student for a previous version of this class. All work in this class may be tested for plagiarized content. Be aware that the instructor is familiar with current technological methods that may be used to fool some plagiarism software, such as hidden and foreign text characters.
- Students in this course may use the textbook and readings to complete class assignments. All uses of the textbook and readings should be for paraphrasing (or restating) those ideas using your interpretations.
- Quizzes, discussion posts, written assignments, and exams must be completed by you alone. Essays or written assignments created through "paper mills" or online essay writing services are considered plagiarized and academically dishonest.
- Any students who commit academic dishonesty or plagiarism in this class may be subject to a failing grade on the assignment and, perhaps, a failing grade in the class. In addition, students who commit academic dishonesty or plagiarism in this class may be subject to disciplinary action by the LTCC Office of Instruction and possible suspension or expulsion from Lake Tahoe Community College. Academic dishonesty and plagiarism are serious offenses and any violations of LTCC's academic dishonesty and plagiarism policy will be met with firm action and discipline.

Please reach out if you have any questions about what constitutes academic dishonesty or plagiarism in this class. Instructors and academic faculty are available to help answer any questions about the originality and authenticity of class work.

Land Acknowledgment

As we come together as an educational community in Lake Tahoe, we acknowledge that we are gathered on the historical lands of its original inhabitants, the Washoe (Wašičiw) Tribe. The land acknowledgment is a recognition of Indigenous communities in the stewardship and protection of their cultural resources and homelands. We recognize the Washoe Tribe and their native lands, we honor these ancestral grounds upon which we are collectively gathered, and we support the strength and resilience that the Washoe continue to show.

Closures at LTCC

Occasionally, heavy storms can interrupt normal business on LTCC's campus. When the decision is made to close LTCC's campus, that information is shared via the [LTCC Alert system](#). All current students (and any parent or community member who wishes to) can enroll to receive free text, email, or phone messages automatically using LTCC Alert. You can also check the LTCC's website homepage (www.ltcc.edu) or call the college's main phone line at (530) 541-4660.