

COURSE MATERIALS

Modified Mastering A&P code with eText (includes Interactive Physio, PAL, and PhysioX lab access).
Pearson. ISBN: 9780134763415

The code can be purchased directly through Pearson (by accessing through Canvas) or through the bookstore.

You will need this Mastering A&P access code to participate in laboratories.

Optional: *Human Anatomy & Physiology Laboratory Manual by Elaine Marieb & Lori Smith*

** It is your decision if you want to purchase the physical lab manual. Keep in mind that all information needed for the lab can be found on Mastering A&P, in the textbook, and from lecture.

LABORATORY INSTRUCTOR INFORMATION

Instructor	Section	Time	Email
Maya Herzog	003	MW 1–3pm	marquerite.herzog@uta.edu
Adnan Qureshi	004	TTH 1–3pm	mohammed.queshi@uta.edu
Adnan Qureshi	005	TTH 1–3pm	mohammed.queshi@uta.edu
Maya Herzog	006	MW 1–3pm	marquerite.herzog@uta.edu
Raisa Amin	007	MW 8–10am	mustafi.raisaamin@uta.edu
Raisa Amin	008	TTH 8–10am	mustafi.raisaamin@uta.edu
Dr. Heather Arterburn	009	TTH 1–3pm	heathera@uta.edu

Any questions and concerns about labs should be directed to your **lab instructor**. Any issues that cannot be, or are not, addressed by your lab instructor should then be directed to Dr. Pollock (the lab coordinator for all Human Anatomy & Physiology labs).

Dr. Nicholas Pollock (nicholas.pollock@uta.edu)
Office Hours: email for an appointment

STUDENT LEARNING OUTCOMES

Laboratory goals are to introduce the student to human form and function, with a particularly strong focus on human structural anatomy, and to provide connections with material covered in lecture. This laboratory is hybrid in form, incorporating online and in-person components. Students will use Pearson Mastering A&P online material (*Practice Anatomy Lab*: models, cadaver, histology; *PhysioX*: virtual lab experiments) and other online exercises to emphasize the basic anatomy and physiology of cells, tissues, and the integumentary, skeletal, muscular, and nervous systems. Anatomical language will also be a heavy focus. To supplement the online activities, students are highly encouraged to attend open laboratories to review models and histology slides.

**** MAKE SURE TO HAVE FULL MASTERING A&P ACCESS BY LAB WEEK 2 ****

LAB WEEK	DATES	TOPICS
1	June 7 to June 8	Anatomical Language Organ Systems Cells
	June 9 to June 10	Tissues Integumentary System
2	June 14 to June 15	Axial Skeleton
	June 16 to June 17	Appendicular Skeleton
3	June 21 to June 22	Skeletal Muscles
	June 23 to June 24	Nervous Tissue Central Nervous System
4	June 28 to June 29	Autonomic Nervous System Cranial Nerves
	June 30 to July 1	Sensory System
5	July 5 to July 6	Practicals (SEE BELOW)

INVOLVEMENT IN EACH LAB WEEK

For each lab, you will need to go onto Canvas > Modules, find the appropriate lab module, and follow all instructions or links to complete the lab quiz, activities, and terms lists. Labs will have a 1-week time period to be completed, after which grades of 0 will be applied and material can be reviewed.

For each week, you have multiple opportunities to study, review, and learn the lab material (i.e., on your own with online activities and any time you wish to review virtual models, histology slides, etc.). You should complete the terms lists by using Mastering A&P, your textbook, lecture notes, and other reputable sources. Use the terms lists and further study them as you work through the online activities. **DO NOT** just complete the activities without taking notes and studying the material... this will not help you learn and perform well on practicals.

Each week, your lab instructor will hold virtual lab office hours during your scheduled lab time. These virtual office hours will be through Microsoft Teams, during which time they can outline what to focus on for that week's lab, along with other key points and helpful study tips. In addition, your lab

instructor will be able to answer questions, explain concepts, help you learn structures and functions, and discuss performances on assignments, quizzes, and practicals. Make use of these lab office hours!

By the time each lab week concludes, you should have a complete terms list, set of completed activities, a finished quiz, and a better understanding of A&P. Make sure to review the terms lists and other material as the semester progresses. This will allow you to better learn, remember, and recall the information needed to succeed on the practical and in lab.

GRADING POLICY

Laboratory is worth **35%** of the total course grade. The lecture professor will be given both a percentage and a point total for each student.

- You are NOT permitted to drop lab. Drops will be applied to both lecture and lab.
- Evidence of collusion on individual assignments will result in a grade of 0 for both parties.
- **Any technical issues or other problems when a quiz is taken within 24 hours of the due date will not be excused (documented or not).**
- Quiz, practical, and assignment grades from Mastering A&P will be posted on Canvas within 48 hours of completion.
- In most cases, students have one week from the time a grade is posted on Canvas to dispute the grade. Grades cannot be contested after this deadline has passed.
- Course policy prohibits extra credit in any form, and there are no curves, so don't ask.

**** Students are expected to keep track of their performance throughout the semester and seek guidance if their performance drops below satisfactory levels.**

Quizzes (8 @ 10 pts each)	80
Lab Activities	179
<u>Lab Practicals (2@ 50 pts each)</u>	<u>100</u>
Laboratory Total (35% of course grade):	359 points

LAB QUIZZES

Quizzes will be administered through Mastering A&P and grades will be posted to Canvas within 48 hours of completion. Questions will focus primarily on material covered in the current lab, but because A&P is interconnected, quizzes may also include material from previous labs. Make sure to follow all instructions and study for these quizzes (using terms lists, PAL, PhysioX, etc.) since they are a sizeable part of your laboratory grade and will be one metric to follow your learning progress. **Quizzes will consist of 10 questions, have a 15-minute time limit, and you will not be able to go back to previous questions.** Quizzes cannot be taken after the due date. Quizzes can be reviewed after the due date, but wrong answers will require you to determine why the answers are wrong and what the correct answers are.

LAB ACTIVITIES

Lab activities (including PhysioX virtual labs, exercises, and questions) are to be completed through Mastering A&P. Grades will be posted to Canvas within 48 hours of completion. These activities are a very large part of your laboratory grade and are very important for monitoring your learning progress. That being said, make sure to follow all instructions, take your time, take notes, and thoroughly complete any activities assigned. **DO NOT just complete the activities without taking notes and studying the material.** Activities cannot be taken after the due date. Activities can be reviewed after the due date, but wrong answers will require you to determine why the answers are wrong and what the correct answers are.

LAB PRACTICALS

The practicals will be administered through LockDown Browser (LDB) and Canvas. You will also need a webcam. A document will be posted on Canvas Announcements to give instructions on using LDB and what to do if you do not have a webcam. READ THIS! There will be two practicals, both available from **8am July 5th to 11:59pm July 6th**. **Practicals not taken during this time period will result in grades of 0. NO EXCEPTIONS.** Each practical will consist of 50 questions, with a 50-minute time limit. Questions will be short answer, fill-in-the-blank, and multiple-choice. Practical 1 will cover Labs 1-5 (Anatomical Terms to Skeletal Muscles). Practical 2 will cover all Nervous System topics. All questions will be chosen from material included in terms lists and online lab quizzes. **There are absolutely no make-up practicals.**

EXPECTATIONS

1. Be attentive to the information and instructions that your lab instructor provides.
2. Check your Canvas announcements and email as the lab instructor will use these forms of communication to inform you of important dates and reminders regarding the lab. This is particularly important considering the online nature of the labs
3. Follow all deadlines for submission of quizzes and assignments. Late submissions will receive a 0.
4. By enrolling as a student at UTA, you have agreed to abide by the University's Honor code. It is your responsibility to ensure that you abide by this promise and uphold the integrity of UTA. If you are unsure if your assignment contains plagiarism, it is your responsibility to meet with your lab instructor to get help prior to submitting the assignment.
5. Your education is your responsibility. The best way to perform well and achieve success is to work hard, study, and dedicate time to learning the material and developing scientific writing skills.

ACADEMIC INTEGRITY

Each student has the responsibility to uphold the highest standards of academic integrity in their own work, to refuse to tolerate violations of academic integrity in the university community, and to foster a high sense of integrity and social responsibility on the part of the university community. Cheating and Plagiarism: Plagiarism is defined as the use of any information, published, or unpublished without acknowledgement. Cheating occurs when you use the work of another student in place of your own. Neither will be tolerated. It is extremely important that you distinguish your own ideas from those of others. You must always acknowledge sources. If you have any questions, see me.

CONFLICT RESOLUTION

If you experience an issue in lab, you must first arrange a meeting with your lab instructor. If the issue remains unresolved after you have met with your lab instructor, you may then consult the Laboratory Coordinator, Dr. Nick Pollock. If the issue still requires attention, you may consult the Associate Chair of Biology, Dr. Melissa Walsh. To do this you must file a grievance at <https://common.forms.uta.edu/view.php?id=3403>. You must file the form in order to have your issue heard. None of the listed personnel will discuss the issue with you until you have first consulted all of those preceding him/her.

ACADEMIC HONOR CODE

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Cheating and Plagiarism: Plagiarism is defined as the use of any information, published, or unpublished without acknowledgement. Cheating occurs when you use the work of another student in place of your own. Neither will be tolerated. It is extremely important that you distinguish your own ideas from those of others. You must always acknowledge sources. If you have any questions, see me.

AMERICANS WITH DISABILITIES ACT

Lab instructors are required by law to provide “reasonable accommodation” to students with disabilities, so as not to discriminate on the basis of disability. **It is the student’s responsibility to inform their lab instructor and Dr. Nick Pollock that they require accommodation by the end of the second week and prior to any assignments, quizzes, activities, or practicals that require accommodation.** Only students who have officially documented a need for an accommodation will have their request honored. Students experiencing a range of conditions (Physical, Learning, Chronic Health, Mental Health, and Sensory) that may cause diminished academic performance or other barriers to learning may seek information, services and/or accommodations by contacting: The Office for Students with Disabilities, <http://www.uta.edu/disability>, University Hall, Room 102, 817-272-3364.

TITLE IX

The University of Texas at Arlington is committed to upholding U.S. Federal Law “Title IX” such that no member of the UT Arlington community shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity. For more information, visit www.uta.edu/titleIX.

SYLLABUS CHANGE POLICY

This syllabus is a guide for the course and is subject to change. Notice will be given. If you find an error, please contact Dr. Pollock.