

Instructor Information

Instructor	Dr. Percy Jordan
Email	jordanpj@lamarpa.edu
Phone	(409) 984-6335
Office	Student Center - Room: 412
Office Hours	MW 8:30 am-9:30 am & 1:30 pm-3 pm; T 11am-12 pm and 2 pm-3 pm; R 11am-1 pm
Additional Contact Information	Email me with questions. I will normally reply to an email within 24-36 hours.

Course Information

Description	The lab provides a hands-on learning experience for exploration of human system components and basic physiology. Systems to be studied include endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics).
Required Textbooks	<i>Textbook Purchasing Statement: A student attending Lamar State College Port Arthur is not under any obligation to purchase a textbook from the college-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.</i> -There are 2 items that are ABSOLUTELY REQUIRED for the Bio 2101 lab (A&P1): 1) Lab Manual for Human Anatomy & Physiology, a Hands-on Approach* by Greene, Robinson, and Strong. 1st ed. Pearson Publishing, ISBN:978-01-354-79-391. 2) Modified Mastering A&P Access code that goes with the lecture textbook by Amerman. A recommended item is the textbook that is required for the lecture course: "Human Anatomy & Physiology", 2nd ed by Erin Amerman, Pearson Publishing. If you are not taking the lecture course, any other A&P book can be used as a reference.
Additional Materials/Resources	A functioning computer with a webcam is required. It is the student's responsibility to have both. Required Software (available free of charge) • Microsoft Office ◦ This software package contains MSWord which you'll need in this course & other useful programs. Office 365 suite is available to students Free of Charge. ◦ The URL for the instruction page and link to download Office 365 is:: https://lamar.supportservices.teamdynamix.com/TDClient/320/Portal-LSCPA/KB/ArticleDet?ID=16454 • Respondus Lockdown Browser ◦ This is required to be installed on any computer/tablet used to take an exam or quiz. ◦ Link to download Respondus Lockdown Browser: https://www.respondus.com/lockdown/download.php?id=139113547 ◦ The link to download Respondus Lockdown Browser is also next to the "Online LSCPA support" section of the Institution homepage. (Look at the bottom)
Corequisites/Prerequisites	Corequisite(s): BIOL 2302. Prerequisite(s): BIOL 2301 and BIOL 2101
Learning Outcomes	1. Demonstrate an understanding of the general function of the endocrine system including, mechanisms of hormone action, regulation of hormone release, hormone actions, and endocrine glands, and endocrine disorders and treatments. 2. Demonstrate an understanding of blood composition, blood functions, blood disorders, heart anatomy and function. 3. Demonstrates an understanding of the location of the major arteries and veins of the vascular system as well as the function of the circulatory system. 4. Demonstrate an understanding of the anatomy and functions of the structures of the GI system, the structure and GI functions of the liver, gall bladder, and pancreas, and the various metabolic and nutritional processes involved in digestion. 5. Demonstrate an understanding of the anatomy and functions of the structures of the respiratory, lymphatic, & renal systems. 6. Demonstrate an understanding of the location and function(s) of the structures of the male and female reproductive structures. 7. Demonstrate an understanding of reading material including relevant terminology. 8. Demonstrate an ability to work effectively with fellow students to complete group assignments and/or cover assigned material.

Core Objectives

- Communication skills: Students will demonstrate effective written, oral and visual communication.
- Critical Thinking Skills: Students will engage in creative and/or innovative thinking, and/or inquiry, analysis, evaluation, synthesis of information, organizing concepts and constructing solutions.
- Empirical and Quantitative Skills: Students will demonstrate applications of scientific and mathematical concepts.

- Teamwork: Students will demonstrate the ability to work effectively with others to support a shared purpose or goal and consider different points of view.

Lecture Topics Outline

The following is a list of lab topics.

Endocrine System

Heart Structure and Function

Arteries & Veins - Central

Arteries & Veins - Peripheral

Blood

Group Project

Digestive System

Respiratory System

Urinary System

Male Reproductive Systems

Female Reproductive System & Human Development

Major Assignments Schedule

All pre-lab assignments are completed using information in the textbook, lab book, the lab handout, and using the Mastering A&P website. The pre-lab assignments are completed on the Mastering A&P site and are accessed by the link on the LAB course website. **The same Pearson Mastering A&P access code is used for both Lecture Pearson Mastering Assignments and Pre-Lab Pearson Mastering Assignments.**

During the 1st Week of Class, the exam schedule will be posted in the course BlackBoard page.

Final Exam Date

May 6, 2025 - 12:30 PM Through May 6, 2025 - 1:50 PM

Grading Scale

90 - 100=A
80 - 89=B
70 - 79=C
60 - 69=D
59 - 0= F

Determination of Final Grade

Lab Extra Credit (Total 12 points) = (Bonus Assignment /2) + (Group Project/10)

Mastering A&P: The average of the Lab MAP homework assignments will count for 20% of your final lab average.

Final Lab Course Average = (Lab Ex1 + Lab Ex2 + Lab Ex3 + Lab Ex4 + MAP average + Lab Extra Credit) / 5

No grades are dropped when calculating averages.

There are NO “re-takes” on any exam or quiz. Exams & quizzes that are not taken well be counted as “0”.

Course Policies

Instructor Policies

It is imperative that you check your email 2-3 times per week. Please check your spam or trash folder regularly. You **MUST** use the Messages link from within the course when emailing me. If you wish to email me about a grade, you must email me from the "Message" link within the course website.

Attendance Policy

Please note that some course material may not be accessible using a cell phone and/or tablet device. In this online class, there are no scheduled class "meeting times" and it is your responsibility to manage your schedule to include completion of course requirements as scheduled.

Handouts for all labs are posted on the course website. These contain information about the lab topic, indicate the sections of the lab workbook assigned for that lab, references to images posted on the course website, as well as questions over lab content. These lab handouts are designed to provide you guidance on what to study. **They are not submitted for grading.**

If you miss an exam because of an excused absence, your lowest lecture exam score will be used as the score for the exam that you missed. Excused absences include medical and family emergencies and are determined at the instructor's discretion. You can only miss one exam with an excused absence (excluding the final), and you must take the final exam. **Poor preparation, vacation, or conflict with other scheduled exams is not a valid excuse for missing an exam.**

Additional Information

I will not discuss grades over the phone. You may request your grades by e-mail from your Lamar State College-Port Arthur e-mail account (for example, doeja@lamarpa.edu) or by student-instructor conference.

Institutional Policies

MyLSCPA	Be sure to check your campus email and Course Homepage using MyLSCPA campus web portal. You can also access your grades, transcripts, academic advisors, degree progress, and other services through MyLSCPA .
Academic Honesty	Academic honesty is expected from all students, and dishonesty in any form will not be tolerated. Please consult the LSCPA policies (Academic Dishonesty section in the Student Handbook) for consequences of academic dishonesty.
ADA Considerations	The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Disability Services Coordinator , Room 117, in the Student Success Center. The phone number is (409) 984-6241.
COVID 19 Information	The Lamar State College Port Arthur (LSCPA) Student Code of Conduct COVID 19 Policy requires students who have been diagnosed with COVID 19 to report their condition directly to their local health department. Students should also contact their course faculty to report their quarantine status. In addition, this policy requires all students to wear face coverings when directly exposed to COVID 19 in compliance with the criteria included in the policy. For more information please refer to the COVID 19 link on the LSCPA website.
Facility Policies	No food or tobacco products are allowed in the classroom. Only students enrolled in the course are allowed in the classroom, except by special instructor permission. Use of electronic devices is prohibited.
HB 2504	This syllabus is part of LSCPA's efforts to comply with Texas House Bill 2504.
Mandatory Reporting of Child Abuse and Neglect	As per Texas law and LSCPA policy, all LSCPA employees, including faculty, are required to report allegations or disclosures of child abuse or neglect to the designated authorities, which may include a local or state law enforcement agency or the Texas Department of Family Protective Services. For more information about mandatory reporting requirements, see LSCPA's Policy and Procedure Manual .
Title IX and Sexual Misconduct	LSCPA is committed to establishing and maintaining an environment that is free from all forms of sex discrimination, including sexual harassment, sexual violence, and other forms of sexual misconduct. All LSCPA employees, including faculty, have the responsibility to report disclosures of sexual misconduct, including sexual harassment, sexual assault (including rape and acquaintance rape), domestic violence, dating violence, relationship violence, or stalking, to LSCPA's Title IX Coordinator, whose role is to coordinate the college's response to sexual misconduct. For more information about Title IX protections, faculty reporting responsibilities, options for confidential reporting, and the resources available for support visit LSCPA's Title IX website .
Clery Act Crime Reporting	For more information about the Clery Act and crime reporting, see the Annual Security & Fire Safety Report and the Campus Security website .
Grievance / Complaint / Concern	If you have a grievance, complaint, or concern about this course that has not been resolved through discussion with the Instructor, please consult the Department Chair.
Department Information	General Education and Developmental Studies Chair: Dr. Steven Zani Email: zanisj@lamarpa.edu Phone: (409) 984-6431