

ANGELO STATE UNIVERSITY

Bachelor of Science in Health Science Professions

HSP 2102

Human Anatomy and Physiology II Lab

FALL 2019

Chelsea Procter-Willman, MS, LAT, ATC



ANGELO STATE UNIVERSITY

Department of Health Science Professions

COURSE NUMBER

HSP 2102

COURSE TITLE

HSP 2102 Human Anatomy and Physiology II Lab

CREDITS

(0-2-0)

PREREQUISITE COURSES

HSP 2301 "Human Anatomy and Physiology I"

HSP 2101 "Human Anatomy and Physiology I Lab"

CO-REQUISITES

HSP 2302 "Human Anatomy and Physiology I"

FACULTY

Chelsea Procter-Willman, MS, LAT, ATC

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Email: cprocter@angelo.edu (preferred method of communication)**OFFICE HOURS**

Tuesday 10:00am-2:00pm, Thursday 9:30am-11:00am and by appointment

COURSE DESCRIPTION

This course is a continuation of HSP 2401 and expands a comprehensive study of the anatomy and physiology of the human body with an emphasis on health and medical issues. Lecture topics include special senses, the endocrine system, cardiovascular and respiratory physiology, immunity, digestion, nutrition and metabolism, the urinary system, and the male and female reproductive systems.

STUDENT LEARNING OUTCOMES

Student Learning Outcome By completing all course requirements, students will be able to:	Assignment(s) or activity(ies) validating outcome achievement:
1. Identify the features and functions of the endocrine, cardiovascular, lymphatic, respiratory, immune, urinary, digestive, and reproductive systems.	Lectures, quizzes, exams, online worksheets, P.h.I.L.s Labs, and in class assignments
2. Explain general bodily functions and develop an understanding of why these occur.	Lectures, quizzes, exams, online worksheets, P.h.I.L.s Labs, and in class assignments

3. Differentiate among the primary types of structures located within each body system.	Lectures, quizzes, exams, online worksheets, P.h.I.L.s Labs, BodyViz, and in class assignments
4. Identify common ailments, maladies, and conditions that can occur if body systems are not working correctly.	Lectures, and BodyViz
5. Define terminology that is associated with various systems	Lectures, quizzes, exams, online worksheets, P.h.I.L.s Labs, and in class assignments

REQUIRED TEXTS AND MATERIALS

Mckinley, MP, O’Loughlin, VD, Bidle, TS. Anatomy and Physiology: An Integrative Approach. McGraw Hill. 978-1-259-39862-9.

Will need to purchase access to McGraw Hill Connect online content

STUDENT RESPONSIBILITY AND ATTENDANCE

It is the student’s responsibility to be on time for class, participate in class discussions, and be actively engaged in the learning process. Instructions and assignments will often be given during class, therefore it is in your best interest to attend. If you have to miss class due to an unforeseen event/accident or illness, please contact the instructor prior to the start of class. Pending the reason for your absence, the instructor may inform you of any missed homework assigned during class. Not acceptable reasons for absences include but are not limited to: over sleeping, work, wanting to leave early or come back late from the weekend, and celebrating a friend, relative or pet’s birthday. If you are sick, let the instructor know and bring a physician’s note when you come back to class.

LATE WORK OR MISSED ASSIGNMENTS POLICY Late work will not be accepted unless you have received permission from the instructor prior to the due date. If you miss an assignment due to an unexcused absence, you are out of luck. Show up for class!

ACADEMIC HONESTY Academic honesty is expected on all work. Students are expected to maintain complete honesty and integrity in their online experiences. Any student found guilty of any form of dishonesty in academic work is subject of disciplinary action and possible expulsion from ASU. The Department of Health Science Professions adheres to the academic honesty statement as set forth in the Angelo State University Student Handbook (2011-2012) <http://www.angelo.edu/content/files/17358-university-honor-code>. The University "faculty expects all students to engage in all academic pursuits in a manner that is above reproach and to maintain complete honesty and integrity in the academic experience both in and out of the classroom setting and may initiate disciplinary proceedings against a student accused of any form of academic dishonesty, including but not limited to, cheating on an examination or other academic work, plagiarism, collusion, and the abuse of resource materials."

PLAGIARISM

Plagiarism at ASU is a serious topic. The Angelo State University's Honor Code gives specific details on plagiarism and what it encompasses. Plagiarism is the action or practice of taking someone else's work, idea, etc., and passing it off as one's own. Plagiarism is literary theft.

In your discussions and/or your papers, it is unacceptable to copy word for word without quotation marks and the source of the quotation. We use the *APA Style Manual of the American Psychological Association* as a guide for all writing assignments. Quotes should be used sparingly. It is expected that you will summarize or paraphrase ideas giving appropriate credit to the source both in the body of your paper and the reference list. Papers are subject to be evaluated for originality via Bb Turnitin. Resources to help you understand this policy better are available at the ASU Writing Center http://www.angelo.edu/dept/writing_center/academic_honesty.php.

STUDENTS WITH DISABILITIES

1. "Angelo State University is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments Act of 2008 (ADAAA), and subsequent legislation."

2. The Office of Student Affairs is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability, and it is the student's responsibility to initiate such a request by contacting the Office of Student Affairs, University Center, Room 112 at (325) 942-2047 or (325) 942-2211 (TDD/FAX) or by e-mail at studentservices@angelo.edu to begin the process. The Office of Student Affairs will establish the particular documentation requirements necessary for the various types of disabilities. Reasonable accommodations will be made for students determined to be disabled or who have documented disabilities.

INCOMPLETE GRADE POLICY (OP 10.11 Grading Procedures)

It is policy that incomplete grades be reserved for student illness or personal misfortune. Please contact faculty if you have serious illness or a personal misfortune that would keep you from completing course work. Documentation may be required.

STUDENT ABSENCE FOR OBSERVANCE OF RELIGIOUS HOLY DAYS

"A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence." Please see ASU Operating Policy [10.19](#).

COPYRIGHT POLICY

Students officially enrolled in this course should make only one printed copy of the given articles and/or chapters. You are expressly prohibited from distributing or reproducing any portion of course readings in printed or electronic form without written permission from the copyright holders or publishers.

SYLLABUS CHANGES

The faculty member reserves the option to make changes as necessary to this syllabus and the course content. If changes become necessary during this course, the faculty will notify students of such changes by email, course announcements and/or via a discussion board announcement. It is the student's responsibility to look for such communications about the course on a daily basis.

Title IX at Angelo State University:

Angelo State University is committed to providing and strengthening an educational, working, and living environment where students, faculty, staff, and visitors are free from sex discrimination of any kind. In accordance with Title VII, Title IX, the Violence Against Women Act (VAWA), the Campus Sexual Violence Elimination Act (SaVE), and other federal and state laws, the University prohibits discrimination based on sex, which includes pregnancy, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination and unwelcome behavior of a sexual nature. The term includes sexual harassment, nonconsensual sexual contact, nonconsensual sexual intercourse, sexual assault, sexual exploitation, stalking, public indecency, interpersonal violence (domestic violence or dating violence), sexual violence, and any other misconduct based on sex.

You are encouraged to report any incidents involving sexual misconduct to the Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator, Michelle Boone, J.D. You may submit reports in the following manner:

Online: www.angelo.edu/incident-form

Face to Face: Mayer Administration Building, Room 210

Phone: 325-942-2022

E-Mail: michelle.boone@angelo.edu

Note, as a faculty member at Angelo State, I am a mandatory reporter and must report incidents involving sexual misconduct to the Title IX Coordinator. Should you wish to speak to someone in confidence about an issue, you may contact the University Counseling Center (325- 942-2371), the 24-Hour Crisis Helpline (325-486-6345), or the University Health Clinic (325-942- 2171).

For more information about resources related to sexual misconduct, Title IX, or Angelo State's policy please visit: www.angelo.edu/title-ix.

This course is graded strictly on points NOT percentages. The amount of points you earn determines your grade in the course. I DO NOT ROUND UP GRADES at the end of the semester. It is your responsibility to keep track of the total course points you have accumulated and take advantage of the bonus points available in the course.

ALL EXAMS ARE CLOSED BOOK IN CLASS EXAMINATIONS. THIS MEANS YOU ARE EXPECTED TO TAKE ALL EXAMS ON THE SCHEDULED DATE UNDER THE SUPERVISION OF THE INSTRUCTOR. ANY ABSENCE DURING A SCHEDULED TIME MUST BE DISCUSSED ON AN INDIVIDUAL BASIS WITH THE INSTRUCTOR PRIOR TO THE ABSENCE ON WHEN AND IF THE EXAM MAY BE MADE UP.

GRADING SYSTEM

Course grades will be dependent upon completing course requirements and meeting the student learning outcomes.

The following grading scale is in use for this course:

3 Exams	360 pts	A: 1000.00 – 900.00 points
Final Exam	150 pts	B: 899.99 – 800.00 points
PHILS Labs (10 pts each)	160 pts	C: 799.99 – 700.00 points
Body Viz Labs	140 pts	D: 699.99 – 600.00 points
Attendance	70 pts	F: 599.99 points and below
Lab Activities	120 pts	
TOTAL:	1000 pts	

Tentative Class Schedule

Date	Topic	Chapter
8-29-19	Introduction / Syllabus Body Viz Intro	
9-5-19	Endocrine System Ph.I.L.S Lab 19 & 20 Due Endocrine System (1-3) Glucose Testing Activity	17
9-12-19	Cardiovascular System: Blood Ph.I.L.S Lab 34, 36, & 24 Due Blood Typing Activity	18
9-19-19	Cardiovascular System: Heart Ph.I.L.S Lab 22, 23, 26 Due BodyViz- Cardiovascular (1-6) Heart Dissection Lab	19
9-26-19	Lab Exam 1 (120 Points)	17-19
10-3-19	Cardiovascular System: Vessels and Circulation Ph.I.L.S Lab 31 & 32 Due Blood Pressure Activity BodyViz- Cardiovascular (7-12; exclude 11)	20
10-10-19	Lymphatic System Ph.I.L.S Lab 33 BodyViz- Lymphatic System (1-4)	21
10-17-19	Respiratory System Ph.I.L.S Lab 37, 38 & 40 Due BodyViz- Respiratory System (1-5) Peak Flow Meter Activity	23
10-24-19	Lab Exam 2 (120 Points)	20, 21, 23
10-31-19	Urinary System Ph.I.L.S Lab 42 Due BodyViz-Urinary System (1, 2, & 4) Urinalysis Activity	24

11-7-19	Digestive System Ph.I.L.S Lab 41 Due BodyViz- Digestive System (1-6) Digestion Activity	26
11-14-19	Reproductive System BodyViz- Reproductive System (1-3)	28
11-21-19	Lab Exam 3 (120 Points)	24, 26, 28
11-28-19	THANKSGIVING Break- NO CLASS	
12-5-19	Review for Final Exam- NO CLASS	
12-10-19	FINAL EXAM	17-21, 23, 24, 26, 28

****Note: Exams must be taken in class and may NOT be taken off site****

****Schedule subject to change****

ASSIGNMENT/ACTIVITY DESCRIPTIONS

Ph.I.L.S. Labs: 16 labs worth 10 points each for a total of 160 points

These physiology interactive lab simulations are designed to help you better understand different physiological concepts discussed this semester. There are 16 labs covered this semester. Each lab is worth 10 points for a total of 160 points. Each lab consists of an activity and then a post-lab quiz. To receive all 10 points, you must complete the activity completely and correctly. You must then save a copy of your lab results and submit them via Blackboard Assignments.

BodyViz Labs: 1 Intro (worth 20 points) and 8 system labs (worth 15 points each) for a total of 140 points.

These labs utilize the BodyViz software and provides an interactive way to view and understand key anatomical structures within the body. During class, you will be asked to complete an “in-class activity” that includes the use of an X-Box controller to identify different structures. You will also have associated BodyViz assignments on Blackboard that must be completed by midnight of the next lab day.

Lab Activities: 120 points: There are 6 lab activates throughout the semester. Full participation and completion of the each activity is worth 20 points towards your final grade. These points can NOT be made up if missed.

End of Syllabus.