

ANGELO STATE UNIVERSITY

Bachelor of Science in Health Science Professions

HSP 2301

Human Anatomy and Physiology I

Fall 2019

Kristi White, PhD, ATC, LAT



ANGELOSTATE UNIVERSITY

Department of Health Science Professions

COURSE NUMBER

HSP 2301

COURSE TITLE

HSP 2301 Human Anatomy and Physiology I

CREDITS

(3-0-0)

PREREQUISITE COURSES

None

CO-REQUISITE COURSE

HSP 2101

FACULTY

Kristi White, PhD, ATC, LAT

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Tuesday 1:00-3:00pm and by appointment

COURSE DESCRIPTION

This course, which provides a comprehensive study of the anatomy and physiology of the human body with an emphasis on health and medical issues, is designed for students preparing for careers in the health professions. It will include an overview of organ systems, basic chemical organization, cell structure and function, and tissues; followed by the study of the skeletal, muscular, and nervous 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:
Explain anatomical and physiological terms and concepts.	Chapters 1, 2, and 3 Assignments and Exam
Explain the process of cellular respiration.	Chapter 3 Assignments and Exam
Identify and explain components of cells and their physiological functions.	Chapters 3 and 4: Assignments and Exam

Identify components of tissues and explain their physiological functions	Chapter 5 Assignments and Exam
Identify different structures and components of the skeletal system and their physiological functions.	Chapter 7 Assignments and Exam
Identify different articulations found throughout the body.	Chapter 9 Assignments and Exam
Explain the different types of muscle tissue along with their physiological functions.	Chapter 10 Assignments and Exam
Explain the different components of the neurological system and their physiological functions.	Chapters 12, 14, 15, and 16 Assignments and Exam

REQUIRED TEXTS AND MATERIALS

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

Access to McGraw Hill Connect.

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.

Course Evaluation and Grading Scale:

5 Exams (100 points each)	500 pts	A: 1300.00 – 1170.00 points
Final Exam	200 pts	B: 1169.99 – 1040.00 points
Online Quizzes (30 pts each)	300 pts	C: 1039.99 – 910.00 points
LearnSmart Assignments	300 pts	D: 909.99 – 780.00 points
TOTAL POINTS	1300 pts	F: 779.99 points and below

Tentative Class Schedule

Date	Topic	Chapter
8-26-19	Introduction / Syllabus	
8-28-19	The Sciences of Anatomy and Physiology	1
8-30-19	The Sciences of Anatomy and Physiology LearnSmart 1 Due	1
9-2-19	No Class	1
9-4-19	Atoms, Ions, and Molecules	2
9-6-19	Atoms, Ions, and Molecules Online Quiz 1 Due	2
9-9-19	Atoms, Ions, and Molecules LearnSmart 2 Due	2
9-11-19	Energy, Chemical Reactions and Cellular Respirations	3
9-13-19	Energy, Chemical Reactions and Cellular Respirations Online Quiz 2 Due	3
9-16-19	Energy, Chemical Reactions and Cellular Respirations LearnSmart 3 Due	3
9-18-19	Exam 1	3
9-20-19	Biology of the Cell	4
9-23-19	Biology of the Cell	4
9-25--19	Biology of the Cell Online Quiz 3 Due	4
9-27-19	Biology of the Cell LearnSmart 4 Due	4
9-30-19	Tissue Organization	5
10-2-19	Tissue Organization Online Quiz 4 Due	5
10-4-19	Tissue Organization LearnSmart 5 Due	5
10-7-19	Exam 2	
10-9-19	Skeletal System: Bone Structure and Function	7
10-11-19	Skeletal System: Bone Structure and Function Online Quiz 5 Due	7
10-14-19	Skeletal System: Bone Structure and Function LearnSmart 7 Due	7
10-16-19	Skeletal System: Articulations	9
10-18-19	Skeletal System: Articulations	9

	Online Quiz 6 Due	
10-21-19	Skeletal System: Articulations LearnSmart 9 Due	9
10-23-19	Exam 3	
10-25-19	Muscle Tissue	10
10-28-19	Muscle Tissue Online Quiz 7 Due	10
10-30-19	Muscle Tissue	10
11-1-19	Muscle Tissue LearnSmart 10 Due	10
11-4-19	Nervous System: Nervous Tissue	12
11-6-19	Nervous System: Nervous Tissue Online Quiz 8 Due	12
11-8-19	Nervous System: Nervous Tissue LearnSmart 12 Due	12
11-11-19	Exam 4	
11-13-19	Nervous System: Spinal Cord and Spinal Nerves	14
11-15-19	Nervous System: Spinal Cord and Spinal Nerves LearnSmart 14 Due	14
11-18-19	Nervous System: Autonomic Nervous System Online Quiz 9 Due	15
11-20-19	Nervous System: Autonomic Nervous System LearnSmart 15 Due	15
11-22-19	Nervous System: Senses	16
11-25-19	Nervous System: Senses Online Quiz 10 Due	16
11-27-19	NO CLASS	
11-29-19	NO CLASS	
12-2-19	Nervous System: Senses LearnSmart 16 Due	16
12-4-19	Exam 5	
12-6-19	Review	
12-11-19	Cumulative Final Exam - 8:00-10:00AM	

Assignments

LearnSmart Assignments: 25 points each for a total of 300 points

Each chapter covered this semester has a LearnSmart assignment associated with it. Each assignment is worth 25 points. These assignments should be done individually and will take on average 60-90 minutes to complete. These questions will test your knowledge on the topics discussed in class and will refer you to readings in the text that will help you better comprehend topics in class that are challenging for you. The LearnSmart assignments typically give you a window of 3-4 days to complete. No late assignments will be accepted and each assignment closes at 11:59 of the assigned date.

Practice Questions for each Chapter– 120 Bonus Points Possible

These practice questions are optional to help you review and prepare for your quizzes. This is your chance to receive bonus points in the course for completion of the questions. Each chapter is worth up to 10 bonus points (160 total bonus points possible). The number of questions you correctly complete determines how many bonus points you receive. For example, the practice questions for chapters 1, 2, and 3 are due on 9/18/2019 at 8:00AM. **There will be no exceptions and there will be no other bonus points awarded during the semester.**

Online Quizzes: 30 points each for a total of 300 points

Each quiz will be posted via Blackboard using Respondus Monitor and is a timed quiz. You may use your notes and book to complete however this is not a group activity. Therefore you cannot use the help of another person to complete the quiz. Each quiz is due on the posted date at 11:59 pm.

End of Syllabus.