

HSP 2301 ANATOMY AND PHYSIOLOGY I

LECTURE

Summer I 2022

Section D10

(Tuesday -Thursday) 12:00 – 1:50 p.m.



Archer College of Health and Human Services

Instructor: Mr. Kelley Cooper, M.Sc.

Email: kcooper20@angelo.edu

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. This class 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.

Course Credits

(3-0-0)

Prerequisite and Co-requisite Courses

Co-requisite:

HSP 2101 “Human Anatomy and Physiology I Lab” should be taken at the same time as HSP2301.

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 Assignments and Test
Explain the process of cellular respiration.	Chapter 2 Assignments and Test
Identify and explain components of cells and their physiological functions.	Chapters 2: Assignments and Test

Identify components of tissues and explain their physiological functions	Chapter 3 & 4 Assignments and Test
Identify different structures and components of the skeletal system and their physiological functions.	Chapter 5 & 6 Assignments and Test
Identify different articulations found throughout the body.	Chapter 7 Assignments and Test
Explain the different types of muscle tissue along with their physiological functions.	Chapter 8, 9 and 10 Assignments and Test
Explain the different components of the neurological system and their physiological functions.	Chapters 11, 12,13, 14,15 Assignments and Test

Course Delivery

This course will be a hybrid course, which means part of the course will be online, and part of it will be face to face. Course assignments will be assigned thru online assignments (Blackboard and TopHat). The course site can be accessed at [ASU's Blackboard Learning Management System](#).

Required Texts and Materials

Anatomy & Physiology in Context (Top Hat Interactive Access)

Technology Requirements

To successfully complete this course, students need to

- Computer capable of running Windows 7 or later, or Mac OSX 10.8 or later
- The latest version of one of these web browsers: internet Explorer, Firefox, or Safari
- Microsoft Office Suite or a compatible Open Office Suite
- Adobe Acrobat Reader
- High Speed Internet Access
- Ethernet adapter cable recommended (wireless connections can drop during quizzes)

Refer to Angelo State University's Distance Education website for further technology requirements: [Angelo State University's Distance Education Website](#)

Communication

I will respond to email and/or telephone messages within 24 hours during working hours Monday through Friday. I generally will respond within a couple hours or by the end of the day. Weekend messages may not be returned until Monday.

Written communication via email: All private communication will be done exclusively through your ASU email address. Check frequently for announcements and policy changes on Blackboard. In your emails to faculty, include the course name and section number in your subject line.

Grading

Evaluation and Grades

Course grades will be determined as indicated in the table below.

Assessment	Points of Total Grade
5 Tests (100 pts x 5)	500
Final Exam	200
Research Assignments (5 x 10 pts)	50
Reading Assignments (15 x 5 pts)	75
Attendance Points	100
Homework Assignments (15 x 25 pts)	375
Total	1300

Grading System

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

This course is graded strictly on points NOT percentages. The amount of points you earn determines your grade in the course. 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.

The following grading scale is in use for this course:

Grading System

The following grading scale is in use for this course:

A = 1300.00 – 1170.00 points

B = 1169.99 – 1040.00 points

C = 1039.99 – 910.00 points

D = 909.99 – 780.00 points

F = 779.99 points and below

Note: Students must successfully complete HSP 2301 (A&P I Lecture) & HSP2101 (A&P 1 Lab) to continue to HSP 2302 (A&P II Lecture) & HSP 2102 (A&P II Lab)

Teaching Strategies

Students are expected to be “active learners.” It is a basic assumption of the instructor that students will be involved (**beyond the materials and lectures presented in the course**) discovering, processing, and applying the course information using peer-review journal articles, researching additional information and examples on the Internet, and discussing course material and clinical experiences with their peers.

Assignment and Activity Descriptions

ASSIGNMENTS EXTENSION AND REQUEST TO TAKE A MISSED TEST WILL ONLY BE GRANTED WITH AN OFFICIAL DOCUMENTED EXCUSE (DOCTOR’S NOTE OR FUNERAL). REQUEST MUST BE MADE WITHIN 2 SCHOOL DAYS.

Reading Assignments: 15 chapter readings worth 5 points each

Chapter reading assignments in the TopHat software will introduce you to the topics that will be covered in the classroom. The reading assignment is graded 50% on completion and 50% answering the questions in the reading assignment completely. Unlimited attempts are allowed on reading assignments. No late assignments will be accepted and each assignment closes at 11:59 on the dates indicated on the course schedule.

Homework Assignments: 25 points each

You may use your notes and book to complete. However, this is not a group activity. You are given 1 attempt for the quiz. No late homework submissions will be accepted. Each homework assignment is due on the posted date on the schedule at 11:59 pm.

Attendance Points: 100 points

During each class, I will take attendance during class. Attendance will be taken through TopHat classroom.

Research Assignments: 5 assignments worth 10 points each

Groups (or you as an individual) will work together on an assignment while also helping other students. Research assignments will be worth 10 points each. Group members (or you as an individual) will choose from a list of diseases or disorders provided. **Requirements for Research Assignments**

- YOU ARE NOW REQUIRED TO GET YOUR INFORMATION FROM A PUBLISHED RESEARCH ARTICLE or one of the following websites (Centers for Disease Control, National Institute for Health)
- Each section needs a title. (minus 1 if missing title and paragraph headers)
- Answers are required to be in paragraph form. (minus 1 if bulleted)
- A minimum of 400 words are required. (minus 0.5 points for every 10 words short)
- Must include a references / works cited at bottom of page. (minus 1 if source is not cited at the bottom)
- Failure to follow the above rules will result in points deduction.

After you have chosen a disorder/disease listed above then you need to include the following in your submission.

- Describe the disease/disorder
- How common is the disorder (must provide where you got these numbers/percentages)?
- Signs and symptoms
- Causes the disorder
- Treatment options (must describe the treatment options in details.)
- Must include a references / works cited at bottom of page.

Bonus – 15 Chapter bonus worth 5 points each

These practice questions are optional and are there to help you review and prepare for your lab test. The number of questions you correctly complete determines how many bonus points you receive. All practice questions are due at 11:59 p.m. the day before the corresponding test. There will be no exceptions and there will be no other bonus points awarded during the semester.

Assignment Submission

All quiz and attendance quiz assignments MUST be submitted through the Assignments link in the Blackboard site. This is for grading, documenting, and archiving purposes. Issues with technology use arise from time to time. If a technology issue does occur regarding an assignment submission, email me at valarie.whitney@angelo.edu and attach a copy of what you are trying to submit. **Please contact the IT Service Center at (325) 942-2911 or go to your Technology Support tab to report the issue.** This lets your faculty know you completed the assignment on time and are just having problems with the online submission feature in Blackboard. Once the problem is resolved, submit your assignment through the appropriate link. This process will document the problem and establish a timeline. Be sure to keep a backup of all work.

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 or complete the assignment in advance!

ANY ABSENCE DURING A SCHEDULED TEST MUST BE ACCOMPANIED WITH A DOCTOR'S NOTE OR UNIVERSITY EXCUSED ABSENSE.

General Policies Related to This Course

All students are required to follow the policies and procedures presented in these documents:

- [Angelo State University Student Handbook](#)¹
- [Angelo State University Catalog](#)²

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.

For planning purposes, this class will probably require a minimum of 6-9 study hours per week on average.

Academic Integrity

Students are expected to maintain complete honesty and integrity in all work. Any student found guilty of any form of dishonesty in academic work is subject of disciplinary action and possible expulsion from ASU.

The College of Health and Human Services adheres to the university's [Statement of Academic Integrity](#).³

ALL EXAMS ARE CLOSED BOOK AND CLOSED INTERNET. ALL TEST WILL BE DONE UNDER RESPONDUS LOCKDOWN BROWSER IN THE LECTURE CLASSROOM OR TESTING CENTER. CELL PHONES ARE NOT ALLOWED OUT DURING THE TEST.

STUDENTS CAUGHT CHEATING (USING NOTES, INTERNET OR A PHONE) WILL RECEIVE A "F" IN THE COURSE.

Accommodations for Students with Disabilities

ASU 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 of 2008 (ADAAA) and subsequent legislation.

Student Disability Services is located in the Office of Student Affairs, and is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability. It is the student's responsibility to initiate such a request by contacting an employee of the Office of Student Affairs, in the Houston Harte University Center, Room 112, or contacting the department via email at ADA@angelo.edu. For more information about the application process and requirements, visit the [Student Disability Services website](#).⁴ The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dallas Swafford
Director of Student Disability Services
Office of Student Affairs 325-942-2047
dallas.swafford@angelo.edu
Houston Harte University Center, Room 112

Incomplete Grade Policy

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. See ASU Operating Policy 10.11 [Grading Procedures](#)⁵ for more information.

Plagiarism

Plagiarism is a serious topic covered in ASU's [Academic Integrity policy](#)⁶ in the Student Handbook. 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.

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. See ASU Operating Policy 10.19 Student Absence for [Observance of Religious Holy Day](#)⁷ for more information.

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 genderbased 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

Email: 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.

Grading Rubrics Student Evaluation of Faculty and Course

Students in all programs are given the opportunity to evaluate their courses and the faculty who teach them. Evaluations are most helpful when they are honest, fair, constructive, and

pertinent to the class, clinical experience, or course. Faculty value student evaluations, and use student suggestions in making modifications in courses, labs and clinical experiences. Angelo State University uses the IDEA (Individual Development and Educational Assessment) system administered through Kansas State University for all course evaluations. The Office of Institutional Research and Assessment administers IDEA for the entire university, online and has established a policy whereby students can complete course evaluations free from coercion.

1. Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories)
2. Learning to apply course material (to improve thinking, problem solving, and decisions)
3. Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course
4. Learning how to find, evaluate, and use resources to explore a topic in depth
5. Learning to apply knowledge and skills to benefit others or serve the public good

End of Syllabus

¹ <https://www.angelo.edu/student-handbook/>

² <https://www.angelo.edu/catalogs/>

³ <https://www.angelo.edu/student-handbook/community-policies/academic-integrity.php>

⁴ <https://www.angelo.edu/services/disability-services/>

⁵ <https://www.angelo.edu/content/files/14197-op-1011-grading-procedures>

⁶ <https://www.angelo.edu/student-handbook/community-policies/academic-integrity.php>

⁷ <https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of>