Instructor: Kristi White, PhD, ATC, LAT
Email: kristi.white@angelo.edu
Phone: 325-486-6179
Office: Archer Building (HHS) 222E
Office Hours: Monday, Wednesday, and Friday 8:30am-9:45am

Course Information

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.

Course Credits
3

Prerequisite and Co-requisite Courses
HSP 2101

Prerequisite Skills
Accessing Internet websites, using ASU Library resources, accessing and using Connect and Body Viz, and proficiency with Microsoft Word and/or PowerPoint are expectations of the HSP 2301.

Program Outcomes
Upon completion of the program of study for Anatomy and Physiology, the graduate will be prepared to:
## Student Learning Outcomes

<table>
<thead>
<tr>
<th>Student Learning Outcome</th>
<th>Assignment(s) or activity(ies) validating outcome achievement:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explain anatomical and physiological terms and concepts.</td>
<td>Chapters 1, 2, and 3 Assignments and Exam</td>
</tr>
<tr>
<td>Explain the process of cellular respiration.</td>
<td>Chapter 3 Assignments and Exam</td>
</tr>
<tr>
<td>Identify and explain components of cells and their physiological functions.</td>
<td>Chapters 3 and 4: Assignments and Exam</td>
</tr>
<tr>
<td>Identify components of tissues and explain their physiological functions.</td>
<td>Chapter 5 Assignments and Exam</td>
</tr>
<tr>
<td>Identify different structures and components of the skeletal system and their physiological functions.</td>
<td>Chapter 7 Assignments and Exam</td>
</tr>
<tr>
<td>Identify different articulations found throughout the body.</td>
<td>Chapter 9 Assignments and Exam</td>
</tr>
<tr>
<td>Explain the different types of muscle tissue along with their physiological functions.</td>
<td>Chapter 10 Assignments and Exam</td>
</tr>
<tr>
<td>Explain the different components of the neurological system and their physiological functions.</td>
<td>Chapters 12, 14, 15, and 16 Assignments and Exam</td>
</tr>
</tbody>
</table>

## Course Delivery

This is a face-to-face course with learning resources and supplemental materials posted in Blackboard.

## Required Texts and Materials


## Technology Requirements

To successfully complete this course, students need to McGraw Hill Connect.
To participate in one of ASU’s distance education programs, you need this technology:

- A computer capable of running Windows 7 or later, or Mac OS X 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 required (wireless connections can drop during tests and Collaborate sessions)
- Webcam

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

**Topic Outline**

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Chapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-13-20</td>
<td>Introduction / Syllabus</td>
<td></td>
</tr>
<tr>
<td>1-15-20</td>
<td>The Sciences of Anatomy and Physiology</td>
<td>1</td>
</tr>
<tr>
<td>1-17-20</td>
<td>The Sciences of Anatomy and Physiology</td>
<td>1</td>
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<tr>
<td></td>
<td>LearnSmart 1 Due</td>
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</tr>
<tr>
<td>1-20-20</td>
<td>No Class – MLK Day</td>
<td>1</td>
</tr>
<tr>
<td>1-22-20</td>
<td>Atoms, Ions, and Molecules</td>
<td>2</td>
</tr>
<tr>
<td>1-24-20</td>
<td>Atoms, Ions, and Molecules</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Online Quiz 1 Due</td>
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</tr>
<tr>
<td>1-27-20</td>
<td>Atoms, Ions, and Molecules</td>
<td>2</td>
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<tr>
<td></td>
<td>LearnSmart 2 Due</td>
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</tr>
<tr>
<td>1-29-20</td>
<td>Energy, Chemical Reactions and Cellular Respirations</td>
<td>3</td>
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<tr>
<td>1-31-20</td>
<td>Energy, Chemical Reactions and Cellular Respirations</td>
<td>3</td>
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<tr>
<td></td>
<td>Online Quiz 2 Due</td>
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</tr>
<tr>
<td>2-3-20</td>
<td>Energy, Chemical Reactions and Cellular Respirations</td>
<td>3</td>
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<tr>
<td></td>
<td>LearnSmart 3 Due</td>
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</tr>
<tr>
<td>2-5-20</td>
<td>Exam 1</td>
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</tr>
<tr>
<td>2-7-20</td>
<td>Biology of the Cell</td>
<td>4</td>
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<tr>
<td>2-10-20</td>
<td>Biology of the Cell</td>
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<td>2-12-20</td>
<td>Biology of the Cell</td>
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<tr>
<td></td>
<td>Online Quiz 3 Due</td>
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<tr>
<td>2-14-20</td>
<td>No Class</td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>Topic</td>
<td>Due Date</td>
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<tr>
<td>-----------</td>
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</tr>
<tr>
<td>2-17-20</td>
<td>Biology of the Cell / Tissue Organization</td>
<td>4/5</td>
</tr>
<tr>
<td>2-19-20</td>
<td>Tissue Organization</td>
<td>5</td>
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<tr>
<td>2-21-20</td>
<td>Tissue Organization</td>
<td>5</td>
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<tr>
<td><strong>2-24-20</strong></td>
<td><strong>Exam 2</strong></td>
<td></td>
</tr>
<tr>
<td>2-26-20</td>
<td>Skeletal System: Bone Structure and Function</td>
<td>7</td>
</tr>
<tr>
<td>2-28-20</td>
<td>Skeletal System: Bone Structure and Function</td>
<td>7</td>
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<tr>
<td>3-2-20</td>
<td>Skeletal System: Bone Structure and Function</td>
<td>7</td>
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<tr>
<td>3-4-20</td>
<td>Skeletal System: Articulations</td>
<td>9</td>
</tr>
<tr>
<td>3-6-20</td>
<td>Skeletal System: Articulations</td>
<td>9</td>
</tr>
<tr>
<td><strong>3/8/20-3/22/20</strong></td>
<td><strong>SPRING BREAK</strong></td>
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</tr>
<tr>
<td><strong>3-23-20</strong></td>
<td><strong>Exam 3</strong></td>
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</tr>
<tr>
<td>3-25-20</td>
<td>Muscle Tissue</td>
<td>10</td>
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<tr>
<td>3-27-20</td>
<td>Muscle Tissue</td>
<td>10</td>
</tr>
<tr>
<td>3-30-20</td>
<td>Muscle Tissue</td>
<td>10</td>
</tr>
<tr>
<td>4-1-20</td>
<td>Nervous System: Nervous Tissue</td>
<td>12</td>
</tr>
<tr>
<td>4-3-20</td>
<td>Nervous System: Nervous Tissue</td>
<td>12</td>
</tr>
<tr>
<td>4-6-20</td>
<td>Nervous System: Nervous Tissue</td>
<td>12</td>
</tr>
<tr>
<td><strong>4-8-20</strong></td>
<td><strong>Exam 4</strong></td>
<td></td>
</tr>
<tr>
<td>4-10-20</td>
<td>Nervous System: Spinal Cord and Spinal Nerves</td>
<td>14</td>
</tr>
<tr>
<td>4-13-20</td>
<td>Nervous System: Spinal Cord and Spinal Nerves</td>
<td>14</td>
</tr>
<tr>
<td>4-15-20</td>
<td>Nervous System: Spinal Cord and Spinal Nerves</td>
<td>14</td>
</tr>
</tbody>
</table>
4-17-20  Nervous System: Autonomic Nervous System
Online Quiz 9 Due 15

4-20-20  Nervous System: Autonomic Nervous System
LearnSmart 15 Due 15

4-22-20  Nervous System: Senses 16

4-24-20  Nervous System: Senses
Online Quiz 10 Due 16

4-27-20  Nervous System: Senses
LearnSmart 16 Due 16

4-29-20  Exam 5

5-1-20  Study Day

5-4-20  Cumulative Final Exam - 10:30am-12:30pm

Communication
Faculty will respond to email and/or telephone messages within 24 hours during working hours Monday through Friday. 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. 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.

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Percent/Points of Total Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Exams (100 points each)</td>
<td>500</td>
</tr>
<tr>
<td>Final Exam</td>
<td>200</td>
</tr>
<tr>
<td>LearnSmart Assignments (25 points each)</td>
<td>300</td>
</tr>
<tr>
<td>Online Quizzes (30 points each)</td>
<td>300</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>1300</strong></td>
</tr>
</tbody>
</table>

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.

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:

- A = 1170.00-1300 points
- B = 1040.00-1169.99 points
- C = 910.00-1039.99 points
- D = 780.00-909.99 points
- F = 0-779.99 points (Grades are not rounded up)

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

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.

**Assignment Submission**

All 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 kristi.white@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!

**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](#)
- [Angelo State University Catalog](#)

**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.

**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

**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](#) for more information.

**Plagiarism**

Plagiarism is a serious topic covered in ASU’s Academic Integrity policy 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.

In your discussions and/or your papers, it is unacceptable to copy word-for-word without quotation marks and the source of the quotation. 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. Resources to help you understand this policy better are available at the [ASU Writing Center](#).

**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 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
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
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.

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.

Student Learning Outcomes
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 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/dept/writing_center/academic_honesty.php
8 https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of