

**ANGELO STATE UNIVERSITY**

**Bachelor of Science in Health Science Professions**

**HSP 2301**

**Human Anatomy and Physiology I Lecture**

**Fall 2019**

**Valarie Whitney**



**ANGELO STATE UNIVERSITY**

**Department of Health Science Professions**

**COURSE NUMBER**

HSP 2301

**COURSE TITLE**

Human Anatomy and Physiology I Lecture

**PREREQUISITE COURSES**

None

**CO-REQUISITE COURSE**

HSP 2101

**COURSE DELIVERY**

This is a Face to Face Instructional Method. Course assignments will be assigned in class and thru online assignments (Blackboard and McGraw-Hill Connect). BB Online assignments will be delivered via the Blackboard Learning Management System. The course site can be accessed at [ASU's Blackboard Learning Management System](#). Connect assignments will be assigned thru McGraw-Hill Connect and can be accessed at [McGraw-Hill Connect login](#)

**FACULTY**

Valarie Whitney

**Office:** Archer Building 224T**Phone:** (325) 486-6558**Email:** [valarie.whitney@angelo.edu](mailto:valarie.whitney@angelo.edu)**OFFICE HOURS**

Monday, Wednesday &amp; Friday 1:00-2:00pm 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**

<b>Student Learning Outcome</b> By completing all course requirements, students will be able to:	<b>Assignment(s) or activity(ies) validating outcome achievement:</b>
<b>Explain anatomical and physiological terms and concepts.</b>	Chapters 1, 2, and 3 Assignments and Exam
<b>Explain the process of cellular respiration.</b>	Chapter 3 Assignments and Exam

<b>Identify and explain components of cells and their physiological functions.</b>	Chapters 3 and 4: Assignments and Exam
<b>Identify components of tissues and explain their physiological functions</b>	Chapter 5 Assignments and Exam
<b>Identify different structures and components of the skeletal system and their physiological functions.</b>	Chapter 7 Assignments and Exam
<b>Identify different articulations found throughout the body.</b>	Chapter 9 Assignments and Exam
<b>Explain the different types of muscle tissue along with their physiological functions.</b>	Chapter 10 Assignments and Exam
<b>Explain the different components of the neurological system and their physiological functions.</b>	Chapters 12, 14, 15, and 16 Assignments and Exam

### **REQUIRED TEXTS AND MATERIALS**

Required: Access to McGraw Hill Connect.

### **OTHER REQUIRED MATERIALS**

In order to take the online quizzes, you will need the following technology:

- A 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 required (wireless connections can drop during tests and Collaborate sessions)
- Webcam

### **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

### **EVALUATION AND GRADES**

**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.**

5 Exams (100 points each)	500 pts
Final Exam	200 pts
Online Quizzes (30 pts each)	300 pts
LearnSmart Assignments	<u>300 pts</u>
TOTAL POINTS	1300 pts

### **TEACHING STRATEGIES**

- PowerPoints will be provided for each learning objective
- In-class activities will be presented by the instructor to the student to comprehend and be able to complete.

### **ASSIGNMENT/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.

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

Access to exams will be through Respondus Lockdown Browser and will be video recorded via Respondus Monitor [See Other Required Materials for a list of needed equipment]. Use of another electronic device is prohibited. 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.

#### **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 (120 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.**

## **GENERAL POLICIES RELATED TO THIS 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.

## **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.

## **COMMUNICATION**

I 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.

*Blackboard announcements;* I encourage you to check Blackboard on a daily basis for assignment due dates, updates to assignments and/or class cancelations.

*Written communication via email:* All private communication should be done exclusively through your ASU email address. Check frequently for announcements and policy changes.

## **ASSIGNMENT SUBMISSION**

- All PHILS assignments **MUST** be submitted through the Assignments link in the Blackboard course site. This is for grading, documenting, and archiving purposes.
- McGraw-Hill assignments (LearnSmarts and Bonus Points) will be submitted thru McGraw-Hill. The assignment will then be deployed into Blackboard gradebook automatically.
- All PHILS and LearnSmart activities are due at 11:59 p.m. on the due date indicated on the syllabus.
- All bonus points are due at 8:00 a.m. the day of the test indicated on the syllabus.
- 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](mailto:valarie.whitney@angelo.edu) and attach a screen shot of what issues you are having
- This lets me know you are trying to complete the assignment on time and are just having problems.
- 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.

- **Please contact the IT Service Center at (325) 942-2911 or go to your Technology Support tab to report the issue.**

**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 IN CLASS ASSIGNMENT OR TEST MUST BE ACCOMPANIED WITH A DOCTOR'S NOTE OR UNIVERSITY EXCUSED ABSENCE. MAKEUP WORK WILL BE DISCUSSED ON AN INDIVIDUAL BASIS WITH THE INSTRUCTOR PRIOR TO THE ABSENCE.**

## **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 **Archer College of Health and Human Services** adheres to the academic honesty statement as set forth in the Angelo State University Student Handbook: [Angelo State University's Academic Integrity Policy](#). 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.

Resources to help you understand this policy better are available at the ASU Writing Center: [Angelo State University's Writing Center Website](#).

## **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.

#### **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. Sex discrimination, sexual misconduct, public indecency, interpersonal violence, sexual assault, sexual exploitation, sexual harassment, and stalking are not tolerated at ASU. As a faculty member, I am a Responsible Employee meaning that I will report any allegations I am notified of to the Office of Title IX Compliance in order to connect students with resources and options in addressing the allegations reported. You are encouraged to report any incidents to ASU's Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator. You may do so by contacting:

**Michelle Boone, J.D.**

*Director of Title IX Compliance/Title IX Coordinator*

Mayer Administration Building, Room 200

**Phone:** 325-942-2022

**Email:** [michelle.boone@angelo.edu](mailto:michelle.boone@angelo.edu)

You may also file a report online 24/7 at [www.angelo.edu/incident-form](http://www.angelo.edu/incident-form).

If you are wishing to speak to someone about an incident in confidence you may contact the *University Health Clinic and Counseling Center at 325-942-2173* or the *ASU Crisis Helpline at 325-486-6345*.

The Office of Title IX Compliance also provides accommodations related to pregnancy (such as communicating with your professors regarding medically necessary absences, modifications required because of pregnancy, etc.). If you are pregnant and need assistance or accommodations, please contact the Office of Title IX Compliance utilizing the information above.

For more information about Title IX in general you may visit [Title IX Office Website](#)

### **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.

### **COURSE EVALUATION**

Students are provided the opportunity, and are strongly encouraged to participate in a course evaluation at the end of the semester. Areas on the IDEA SURVEY evaluation include:

1. Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories)
2. Developing knowledge and understanding of diverse perspectives, global awareness, or other cultures
3. Learning to apply course material (to improve thinking, problem solving, and decisions)
4. Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course

5. Acquiring skills in working with others as a member of a team
6. Gaining a broader understanding and appreciation of intellectual/cultural activity (music, science, literature, etc.)
7. Learning how to find, evaluate, and use resources to explore a topic in depth
8. Learning to apply knowledge and skills to benefit others or serve the public good
9. Learning appropriate methods for collecting, analyzing, and interpreting numerical information.

### Tentative Class Schedule

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

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

**End of Syllabus.**