

**ANGELO STATE UNIVERSITY**

**Bachelor of Science in Health Science Professions**

**HSP 2102**

**Human Anatomy and Physiology II Lab**

**Fall 2019**

**Valarie Whitney**



**ANGELO STATE UNIVERSITY**

**Department of Health Science Professions**

**COURSE NUMBER**

HSP 2102

**COURSE TITLE**

Human Anatomy and Physiology II Lab

**PREREQUISITE COURSES**

HSP 2301 "Human Anatomy and Physiology I"

HSP 2101 "Human Anatomy and Physiology I Lab"

**CO-REQUISITE COURSE**

HSP 2302 "Human Anatomy and Physiology II"

**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 1:00-2:00 pm 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**

<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>
1. Identify the features and functions of the endocrine, cardiovascular, lymphatic, respiratory, immune, urinary, digestive, and reproductive	Lectures, quizzes, exams, online worksheets, P.h.I.L.s Labs, and in class assignments

systems.	
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

Required: Access to McGraw Hill Connect.

### GRADING SYSTEM:

The following grading scale is in use for this course

A: 1000.00 – 900.00 points

B: 899.99 – 800.00 points

C: 799.99 – 700.00 points

D: 699.99 – 600.00 points

F: 599.99 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.**

3 Exams	360 pts
Final Exam	150 pts
PhiLS labs (10 pts each)	160 pts
Body Viz Labs	140 pts
Attendance	70 pts
<u>Lab Activities</u>	<u>120 pts</u>
<b>TOTAL POINTS</b>	<b>1000 pts</b>

## **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**

### **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 the end of the lab day at 11:59 p.m..

**Lab Activities:** There are lab activities throughout the semester. Full participation and completion of each activity is required. These points can NOT be made up if missed.

## **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.
- All PHILS and BodyViz activities are due at 11:59 p.m. on the due date 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 ABSENSE. 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](tel:3259422047) or [\(325\) 942-2211](tel:3259422211) (TDD/FAX) or by e-mail at [studentservices@angelo.edu](mailto: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>
8-29-19	Introduction / Syllabus <b>BodyViz Intro</b>	
9-5-19	Endocrine System <b>Ph.I.L.S Lab 19 &amp; 20 Due</b> <b>BodyViz Endocrine System</b> <b>Glucose Testing Activity</b>	17
9-12-19	Cardiovascular System: Blood <b>Ph.I.L.S Lab 34, 36, &amp; 24 Due</b> <b>Blood Typing Activity</b>	18
9-19-19	Cardiovascular System: Heart <b>Ph.I.L.S Lab 22, 23, 26 Due</b> <b>BodyViz- Cardiovascular</b> <b>Heart Dissection Lab</b>	19
9-26-19	<b>Lab Exam 1 (120 Points)</b>	17-19
10-3-19	Cardiovascular System: Vessels and Circulation <b>Ph.I.L.S Lab 31 &amp; 32 Due</b> <b>Blood Pressure Activity</b> <b>BodyViz- Cardiovascular</b>	20
10-10-19	Lymphatic System <b>Ph.I.L.S Lab 33</b> <b>BodyViz- Lymphatic System</b>	21
10-17-19	Respiratory System <b>Ph.I.L.S Lab 37, 38 &amp; 40 Due</b> <b>BodyViz- Respiratory System</b> <b>Peak Flow Meter Activity</b>	23
10-24-19	<b>Lab Exam 2 (120 Points)</b>	20-21
10-31-19	Urinary System <b>Ph.I.L.S Lab 42 Due</b> <b>BodyViz-Urinary System</b> <b>Urinalysis Activity</b>	24
11-7-19	Digestive System <b>Ph.I.L.S Lab 41 Due</b> <b>BodyViz- Digestive System</b> <b>Digestion Activity</b>	23-24
11-14-19	Reproductive System <b>BodyViz- Reproductive System</b>	26, 28
11-21-19	<b>Lab Exam 3 (120 Points)</b>	26-28
11-28-19	<b>THANKSGIVING Break- NO CLASS</b>	
TBD	<b>FINAL EXAM</b>	17-21, 23, 24, 26, 28

**End of Syllabus.**