HSP 2102 – 03Z
ANATOMY AND PHYSIOLOGY II LAB
SPRING 2020

Instructor: Valarie Whitney
Email: valarie.whitney@angelo.edu
Phone: 325-486-6558
Office: 224 T
Office Hours: Monday, Wednesday, Friday 10:00-11:00 a.m. or by appointment

Course Information

Course Description
This course is a continuation of HSP 2101 and expands a comprehensive study of the anatomy and physiology of the human body with an emphasis on health and medical issues. Lab topics include, the endocrine system, cardiovascular and respiratory physiology, immunity, digestion, the urinary system, and the male and female reproductive systems.

Class Meeting Time: Wednesday 8:00 a.m. -9:50 a.m.

Course Credits
(0-1-0)

Prerequisite and Co-requisite Courses
Prerequisites:
HSP 2301 “Human Anatomy and Physiology I Lecture”
HSP 2101 “Human Anatomy and Physiology I Lab”
Co-requisite:
HSP 2302 “Human Anatomy and Physiology II Lecture”
### 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>By completing all course requirements, students will be able to:</td>
<td></td>
</tr>
<tr>
<td>1. Identify the features and functions of the endocrine, cardiovascular, lymphatic,</td>
<td>Lectures, exams, in-class worksheets, P.h.I.L.s Labs, and in</td>
</tr>
<tr>
<td>respiratory, immune, urinary, digestive, and reproductive systems.</td>
<td>class lab activities</td>
</tr>
<tr>
<td>2. Explain general bodily functions and develop an understanding of why these occur.</td>
<td>Lectures, exams, in-class worksheets, P.h.I.L.s Labs, and in</td>
</tr>
<tr>
<td></td>
<td>class lab activities</td>
</tr>
<tr>
<td>3. Differentiate among the primary types of structures located within each body system.</td>
<td>Lectures, exams, in-class worksheets, P.h.I.L.s Labs, BodyViz,</td>
</tr>
<tr>
<td></td>
<td>and in class lab activities</td>
</tr>
<tr>
<td>4. Identify common ailments, maladies, and conditions that can occur if body systems</td>
<td>Lectures, and BodyViz</td>
</tr>
<tr>
<td>are not working correctly.</td>
<td></td>
</tr>
<tr>
<td>5. Define terminology that is associated with various systems</td>
<td>Lectures, exams, in-class worksheets, P.h.I.L.s Labs, and in</td>
</tr>
<tr>
<td></td>
<td>class lab activities</td>
</tr>
</tbody>
</table>

### 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 (PHILS, Worksheets and BODYVIZ) will be delivered via the Blackboard Learning Management System. The course site can be accessed at ASU's Blackboard Learning Management System. PHILs assignments will be assigned thru McGraw-Hill Connect and can be accessed at McGraw-Hill Connect login. PHILs report will be submitted in Blackboard submission folder.

### Required Texts and Materials


Registration Link: [https://connect.mheducation.com/class/v-whitney-hsp-2102-03z-spring-2020](https://connect.mheducation.com/class/v-whitney-hsp-2102-03z-spring-2020)

### Technology Requirements

To successfully complete this course, students need to

- Purchase the McGraw-Hill Connect access code. Instructions to obtain the access code can be found on Blackboard.
- 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 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. 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.

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Points of Total Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Exams (120 points each)</td>
<td>360</td>
</tr>
<tr>
<td>Final Exam</td>
<td>150</td>
</tr>
<tr>
<td>P.h.I.L.S Labs (10 points each)</td>
<td>160</td>
</tr>
<tr>
<td>BodyViz Labs</td>
<td>140</td>
</tr>
<tr>
<td>Attendance</td>
<td>70</td>
</tr>
<tr>
<td>Lab Activities</td>
<td>120</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1000</strong></td>
</tr>
</tbody>
</table>

**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:

- **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

*Note: Students must successfully complete HSP 2302 & HSP2102 simultaneously to receive credit in either course.*

**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**

**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 midnight of the next lab day.

**Lab Activities:** 120 points:

There are 6 lab activates throughout the semester. Full participation and completion of the each activity is worth 20 points towards your final grade. These points can NOT be made up if missed.

**Assignment Submission**

All PHILs and BodyViz 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 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.**

**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: oversleeping, 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 to 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 IN CLASS EXAMINATIONS. THIS MEANS YOU ARE EXPECTED TO TAKE ALL EXAMS ON THE SCHEDULED DATE UNDER THE SUPERVISION OF THE INSTRUCTOR.

STUDENTS CAUGHT CHEATING 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 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.

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.

### Course Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Assignments</th>
<th>Chapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-15-20</td>
<td>Introduction / Syllabus</td>
<td>Body Viz 1 Intro</td>
<td></td>
</tr>
<tr>
<td>1-22-20</td>
<td>Endocrine System</td>
<td>Ph.I.L.S Lab 19 &amp; 20 Due Glucose Testing Activity</td>
<td>17</td>
</tr>
<tr>
<td>1-29-20</td>
<td>Cardiovascular System: Blood</td>
<td>Ph.I.L.S Lab 34, 36, &amp; 24 Due Blood Typing Activity</td>
<td>18</td>
</tr>
<tr>
<td>2-5-20</td>
<td>Cardiovascular System: Heart</td>
<td>Ph.I.L.S Lab 22, 23, 26 Due Heart Dissection Lab</td>
<td>19</td>
</tr>
<tr>
<td>2-12-20</td>
<td>Lab Exam 1 (120 Points)</td>
<td></td>
<td>17-19</td>
</tr>
<tr>
<td>2-19-20</td>
<td>Cardiovascular System: Vessels and Circulation</td>
<td>Ph.I.L.S Lab 31 &amp; 32 Due Blood Pressure Activity</td>
<td>20</td>
</tr>
<tr>
<td>2-26-20</td>
<td>Lymphatic System/Immune</td>
<td>Ph.I.L.S Lab 33 BodyViz 4 - Cardiovascular - Blood</td>
<td>21</td>
</tr>
<tr>
<td>Date</td>
<td>Topic</td>
<td>Assignments</td>
<td>Chapter</td>
</tr>
<tr>
<td>----------</td>
<td>---------------------------</td>
<td>--------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>3-4-20</td>
<td>Respiratory System</td>
<td>Ph.I.L.S Lab 37, 38 &amp; 40 Due</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Peak Flow Meter Activity</td>
<td></td>
</tr>
<tr>
<td>3-11-20</td>
<td>SPRING BREAK</td>
<td>NO LAB</td>
<td></td>
</tr>
<tr>
<td>3-18-20</td>
<td>Review for Lab Exam 2</td>
<td>BodyViz 5 - Respiratory System</td>
<td></td>
</tr>
<tr>
<td>3-25-20</td>
<td>Lab Exam 2 (120 Points)</td>
<td></td>
<td>20, 21, 23</td>
</tr>
<tr>
<td>4-1-20</td>
<td>Urinary System</td>
<td>Ph.I.L.S Lab 42 Due Urinalysis Activity</td>
<td>24</td>
</tr>
<tr>
<td>4-8-20</td>
<td>Digestive System</td>
<td>Ph.I.L.S Lab 41 Due BodyViz 6 - Urinary System</td>
<td>26</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Digestion Activity</td>
<td></td>
</tr>
<tr>
<td>4-15-20</td>
<td>Reproductive System</td>
<td>BodyViz 7 - Digestive System</td>
<td>28</td>
</tr>
<tr>
<td>4-22-20</td>
<td>Lab Exam 3 (120 Points)</td>
<td>BodyViz 8 - Reproductive System</td>
<td>24, 26, 28</td>
</tr>
<tr>
<td>4-29-20</td>
<td>Review for Final Exam</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5-6-20</td>
<td>FINAL EXAM</td>
<td>8:00 – 10:00 a.m.</td>
<td>17-21, 23, 24, 26, 28</td>
</tr>
</tbody>
</table>

**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