Angelo State University
Animal Anatomy & Physiology
ASCI 3449

3 Hours Credit:
Lecture: Tuesday and Thursday 9:30 – 10:45 am, VIN 250
Lab Sections: 01Z Tuesday 1:15 – 2:50 pm MIR 107
02Z Tuesday 3:15 – 4:50 pm MIR 107

Instructor: Dr. Loree A. Branham
VIN 221, (325) 486-6749
loree.branham@angelo.edu
Office Hours Monday & Wednesday 9:00 – 11:45, Thursday 1:30-4:00,
by appointment
* Note: Due to ongoing research, office hours will fluctuate this semester
please make an appointment if at all possible.

LEARNING OBJECTIVES:
Student Outcomes – Upon successful completion of this course, students will obtain the following:
• Basic terminology of both animal anatomy and physiology
• The ability to visually identify the major tissues, organs, bones, and muscles of livestock
• Knowledge of the various functions and interrelationships of the entire animal body and its systems

Assessment of Learning Outcomes:
Assessment of learning outcomes will be primarily by quizzes, exams, laboratory worksheets and animal dissection participation specific to each outcome. Commercially euthanized and preserved fetal pigs will be utilized for the dissection portion of this course. Muscle identification will be performed utilizing goat carcasses provided by a federally inspected meat processing facility.

REQUIRED Text:
Angelo State University Animal Anatomy and Physiology Laboratory Manual – Available in multiple PDFs off of blackboard

Recommended Text (Not Required):

ATTENDANCE:
Students are expected to attend class daily; attendance is important and required. You are allowed five unexcused absences (lecture and lab combined) before your grade is adversely affected. Absences will be excused for illness if a physician’s note is provided, proof of a family member’s death, or absences due to travel related to a University function (A memo from sponsoring faculty member is required- it is the students responsibility to confirm the professor has received the memo notification). No Make-up Exams or Quizzes will be given. If you know you will be absent on the day of an exam, notification is required at least one full week in advance in order to take an exam early. Absences due to an unforeseen emergency which occur on an exam day will be dealt with as they occur.
CLASSROOM DECORUM:
Students are asked to place cell phones on silent mode. Text messaging during class or lab is not permitted. If texting occurs, student will be warned once and then asked to leave classroom. Please refrain from any tobacco use while in both lecture and lab. Please refrain from talking to other students during lecture. Professional behavior toward instructor(s) and fellow students is expected and required. Students are permitted to use laptop computers, tablets, and voice recorders to take notes only AFTER obtaining permission of the professor. Feel free to ask questions of the instructor or relate pertinent information at any time during class. Questions and comments are encouraged and appreciated.

UNIVERSITY POLICIES:
Disabilities Accommodation Statement:
Persons with disabilities which may warrant academic accommodations must contact the Student Life Office, Room 112 University Center, in order to request such accommodations prior to any accommodations being implemented. You are encouraged to make this request early in the semester so that appropriate arrangements can be made.

Academic Honesty Statement:
Angelo State University expects its students to maintain complete honesty and integrity in their academic pursuits. Students are responsible for understanding the Academic Honor Code, which is available on the web at https://www.angelo.edu/student-handbook/code-of-student-conduct/misconduct.php. Violating these conduct rules can result in one or more of the following:
• F on the work;
• F in the course;
• Report the student to the Department Head;
• Refer the case to the Academic Integrity Committee”

Scholastic dishonesty includes but is not limited to, cheating, plagiarism, falsifying academic records, misinterpreting facts, and any act designed to give unfair academic advantage to the student or the attempt to commit such an act.

LAB REQUIREMENTS:
• Labs will start at 1:15 and 3:15 to allow students time to safely arrive at MIR. Labs will meet at MIR unless otherwise noted.
• Quizzes given during lab will begin promptly at 1:15 and 3:15.
  o Any student that arrives after the quiz is given will receive a zero for that quiz.
• All students must wear closed toed shoes during lab.
• No food/drink, smoking, chewing, dipping, or chewing gum during lab.
• On days involving dissection, each lab group is responsible for setting up and thoroughly cleaning your lab space and any supplies utilized during lab.
• All cell phones will be placed on silent prior to lab.

GRADING:
At least 6 lab quizzes (20 points each –highest 5 quizzes count) 100
Lecture Pop Quizzes 50
Lab participation, readings & worksheets 150
Lab Final (cumulative) 150
4 Exams (100pts each) 400 points
1 Final Exam (cumulative) 150 points
Total Points Possible 1000 points
The dates for lab quizzes and lecture exams will be announced by your instructor.

**COMPREHENSIVE LAB PRACTICUM** December 5<sup>th</sup> during lab.

**COMPREHENSIVE FINAL EXAM** – Thursday December 14<sup>th</sup> @ 8:00am.

**Grading Scale:**
- **A** = 90.0% and above
- **B** = 80.0 to 89.9%
- **C** = 70.0 to 79.9%
- **D** = 60.0 to 69.9%
- **F** = 59.9% and below

**LECTURE**

<table>
<thead>
<tr>
<th>Topic of Discussion</th>
<th>LAB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>Topic of Discussion</td>
</tr>
<tr>
<td>Cells and Tissue Development</td>
<td>Descriptive Terms</td>
</tr>
<tr>
<td>Skeletal System</td>
<td>Cellular Anatomy</td>
</tr>
<tr>
<td>Nervous System</td>
<td>Skeletal Anatomy</td>
</tr>
<tr>
<td>Muscular System</td>
<td>Central Nervous System Anatomy</td>
</tr>
<tr>
<td>Blood and Immune System</td>
<td>Muscular Anatomy</td>
</tr>
<tr>
<td>Cardiovascular System</td>
<td>Circulatory System Anatomy</td>
</tr>
<tr>
<td>Respiratory System</td>
<td>Respiratory System Anatomy</td>
</tr>
<tr>
<td>Digestive System</td>
<td>Digestive System Anatomy</td>
</tr>
<tr>
<td>Urinary System</td>
<td>Urinary System Anatomy</td>
</tr>
<tr>
<td>Endocrine System</td>
<td>Reproductive System Anatomy</td>
</tr>
<tr>
<td>Reproductive System</td>
<td></td>
</tr>
</tbody>
</table>

**EMERGENCY PROCEDURES:**

In event that one of the following emergencies should occur DURING this class, we will follow the procedures listed below.

**Tornado WARNING:** As a group, using the west stairwell we will move to the designated storm shelter location (1<sup>st</sup> floor hallways between Rooms 139-146 and between 158-162) and remain there until the danger is passed.

**Fire:** As a group, using the west stairwell we will immediately evacuate the Vincent building leaving through the west entrance doors and gather at a safe distance on the west lawn.

The closest Emergency call boxes to this building can be located at West of the building along the walk path and east of the building along the walk path near the Rassman building.