Animal Anatomy & Physiology
ASCI 3449
Angelo State University

Course Information:
3 Hours Credit:
Lecture: Tuesday and Thursday 9:30 – 10:45 am, VIN 250
Lab Sections: 01Z Tuesday 1:15 – 2:50 pm MIR
                  02Z Tuesday 3:15 – 4:50 pm MIR
Instructor: Dr. Loree A. Branham
           VIN 221, (325) 486-6749
           loree.branham@angelo.edu
           Office Hours Monday & Wednesday 8:30- 9:30|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:
Available at ASU Bookstore

Recommended Text (Not Required):
Lippincott, Williams & Wilkins, Baltimore, Maryland. Available for purchase on-line.

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](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.
  - 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.

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GRADING:

<table>
<thead>
<tr>
<th>Assignment Type</th>
<th>Possible Points</th>
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<tbody>
<tr>
<td>At least 6 lab quizzes (20 points each – highest 5 quizzes count)</td>
<td>100</td>
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<tr>
<td>Lecture Pop Quizzes</td>
<td>50</td>
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<tr>
<td>Lab participation, readings &amp; worksheets</td>
<td>100</td>
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<td>Lab Final (cumulative)</td>
<td>200</td>
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<td>4 Exams (100 pts each)</td>
<td>400 points</td>
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<tr>
<td>1 Final Exam (cumulative)</td>
<td>150 points</td>
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<td><strong>Total Points Possible</strong></td>
<td><strong>1000 points</strong></td>
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The dates for lab quizzes and lecture exams will be announced by your instructor.

**COMPREHENSIVE LAB PRACTICUM Tuesday April 30th during lab.**

**COMPREHENSIVE FINAL EXAM – Thursday May 9th @ 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

<table>
<thead>
<tr>
<th>LECTURE - Topic of Discussion</th>
<th>LAB - Topic of Discussion</th>
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<tbody>
<tr>
<td>Introduction</td>
<td>Descriptive Terms</td>
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<tr>
<td>Cells and Tissue Development</td>
<td>Cellular Anatomy</td>
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<tr>
<td>Skeletal System</td>
<td>Skeletal Anatomy</td>
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<tr>
<td>Nervous System</td>
<td>Central Nervous System Anatomy</td>
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<tr>
<td>Muscular System</td>
<td>Muscular Anatomy</td>
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<tr>
<td>Blood and Immune System</td>
<td>Circulatory System Anatomy</td>
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<td>Cardiovascular System</td>
<td>Respiratory System Anatomy</td>
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<tr>
<td>Respiratory System</td>
<td>Digestive System Anatomy</td>
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<td>Digestive System</td>
<td>Urinary System Anatomy</td>
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<tr>
<td>Urinary System</td>
<td>Reproductive System Anatomy</td>
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<tr>
<td>Endocrine System</td>
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**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 (1st 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 in the north parking lot.