

ANIMAL SCIENCE 3333
Meat Science and Industry

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See for appointment

**LABORATORY
ASSISTANTS:**

CONSUMABLE MATERIALS CHARGE: All students will be \$10.00 (Will be charged to your bursar's account).

FIELD TRIP CHARGE: During the semester we will take 2 off-campus field trips. A \$20.00 fee will be charged to your bursar's account for these activities.

OBJECTIVES OF COURSE:

- ✓ To identify and describe the basic physical and chemical components of meat and their influence on specific attributes of meat and meat products.
- ✓ Describe the scientific and technological procedures involved in the processing of meat animals and preservation of meat products.
- ✓ Acquaint the student with food safety issues as related to the meat industry as well as overview the principles of Hazard Analysis Critical Control Points.
- ✓ To impart knowledge relating to world export market potential for U.S. meat and meat products.
- ✓ Describe the various aspects of the meat industry and how they interrelate and function.
- ✓ To become aware, during the semester, of 50 or more current pressing issues that will or might impact the U.S. red meat industry.
- ✓ Learn through real-world experiences involving special guests' lectures, on-site visits as well as hands-on exercises.

**ANIMAL SCIENCE 3333
FALL, 2008**

The following statements reflect some of the expectations I have of the students who take Animal Science 3333.

- ✓ Class begins at 12:30 PM sharp! I expect you to be in your seats ready to begin on time. Stragglers are disruptive to those who are in their seats and ready to go at 12:30 PM. I will begin and end on time so that students can go to other classes. Being prompt in laboratory is also important. Be on time.
- ✓ While I am lecturing, I expect students to be listening, writing, thinking, etc., but not talking to each other. Talking in class disrupts those around you who are trying to listen and it disrupts me as I lecture. I will do my best to make lectures lively and entertaining so you won't be bored. Thanks!
- ✓ I believe in class attendance. You cannot learn as much if you are not in class. The failure rate for those students who do not come to class is quite high.
- ✓ Animal Science 3333 is one of the most expensive courses on campus to teach. It is imperative for you to be in the lab you are scheduled to be in because of the use of animals, carcasses, processed meats, etc. Arrangements for lab substitutions for approved absences can be made if we are notified far enough in advance, but last minute shifts in schedules cause problems.
- ✓ Animal Science 3333 is a course of facts. Therefore, you are expected to have knowledge of the facts we discuss in lecture and lab for testing purposes. Because of the size of the class, objective, short answer, matching true/false questions is used for testing. Please be prepared to learn the material in enough detail to do well on the exams.
- ✓ I have a joint appointment with Oklahoma State University to conduct both teaching and research. I take a great deal of pride in my teaching responsibilities; however, I travel a great deal working on the research part of my job and giving presentations to groups across the U.S. and internationally. By having a high visibility with the industry, more job opportunities for our students has resulted over the years. I attempt to be at all lectures, but occasionally, other duties will prevent me from doing so. Those who work with me are committed to the student receiving the best possible education. This allows me to know that the class is in excellent hands while I am away on university business.
- ✓ Because I travel, I am not in my office often. Please feel free to call my home if you need to speak with me; my wife knows where I can be reached and I can call you at your residence. It is easier to address a problem while it is occurring, rather than at the end of the semester. Please come see me or call me if you need to talk.
- ✓ Animal Science 3333 is a tough and comprehensive course. I will not apologize for this. I attempt to be fair to all students, which at times may seem unfair to individual students. Everyone is required to take exams and return homework when scheduled. Only for those items listed in the syllabus are you allowed to deviate from this policy. Every semester, I receive requests from students to postpone tests because they have two or more exams on the same day. I have not in the past or will not in the future postpone an individual test due to multiple tests on the same day.

**ANIMAL SCIENCE 3333
FALL 2008**

Attendance Policy

Attendance for major examinations is mandatory. There will be no makeup examinations. For students with an authorized excuse, the grade for a missed major examination will be determined by averaging the scores for the major examinations that were taken. The only absences that will be authorized are:

- 1) ABSENCE FOR A UNIVERSITY APPROVED FIELD TRIP OR ACTIVITY: These must be cleared at least one week in advance of the major examination. If not cleared in an appropriate fashion, a grade of zero will be assigned for the missed examination.
- 2) ABSENCE FOR A DEATH OR SERIOUS ILLNESS IN THE IMMEDIATE FAMILY: a letter of explanation from the physician or minister who attended the patient or was in charge of the funeral services, respectively, must verify this. This letter must be within 14 days following the missed examination or the grade of zero will be assigned.
- 3) ABSENCES RESULTING FROM PERSONAL ILLNESS THAT REQUIRES CONFINEMENT IN A HOSPITAL: a letter of explanation from the hospital on official letterhead must verify this. This letter must be within 14 days following the missed examination or the grade of zero will be assigned.

IMPORTANT

For the last 9 semesters, this is the breakdown of attendance and grades received:

Unexcused Absences	A's	B's	C's	D's	F's
0	396	522	219	89	42
1	489	299	223	98	46
2-5	289	190	217	276	106
6 and up	51	113	140	204	105

In order to encourage attendance, the final examination will be optional for those students who do not have unauthorized absences in lecture and in laboratory. Students who are tardy three times will be considered absent. Students exempt from the final will be allowed to take the final to improve their grade if necessary.

**ANIMAL SCIENCE 3333
FALL 2008**

1. **Examinations:** Three major examinations and a final (150 points each) covering both lecture and laboratory material will be given on the following dates:

- Major Exam I - September 16, 2008
- Major Exam II - October 21, 2008
- Major Exam III - November 18, 2008
- Final Examination - December 9, 2008 (10:00 to 11:50 AM)

2. **Laboratory:** The laboratory will make up a large percentage of the class. In addition to each examination containing 50 points of material from laboratory, students will be evaluated on the following criteria:

• Unannounced Quizzes	100 points
• Participation	25 points
• Attendance	<u>25 points*</u>
TOTAL	150 points

***A deduction of 5 points is observed for each laboratory absence.**

3. **Special Projects:** Each semester a special project is designed and developed by each student. The sarcomere project must be delivered to my office by 5:00 pm on Friday, October 3rd. The second special project ("Build a Better Burger") will be due on the Tuesday lecture (December 2nd) of pre-finals week. Each of the projects will be worth 100 points each.

4. **Hot Topic Lecture Series:** During the semester, you will be asked to read several pieces of information regarding "hot topics" associated with the meat industry. You will be asked to write a summary (1 page) of your thoughts for all of the topics. Each topic will be worth 50 points. The assignments are due at the beginning of the following lecture period.

5. **Grading:** Grades will be computed on the basis of the following:

• Major Exam I	150 points
• Major Exam II	150 points
• Major Exam III	150 points
• Laboratory	150 points
• Special Projects	200 points
• Lecture Series	150 points
• Final Examination	<u>150 points</u>
TOTAL	1,100 points