

FSCI 3446

Introduction to Meat Science



Instructor: Dr. John Kellermeier

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Phone: 325-486-6746

Office: Vincent 216

Office Hours: MTW 1:00 – 4:00; F 9:00 – 12:00; by appointment

Due to ongoing research and other duties, there may be times during my scheduled office hours when I will not be available. I highly encourage you to make an appointment.

Laboratory/Teaching Assistants:

Megan Eckhardt

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FSPD Office, (325) 942-2015 Office Hours: By Appointment

Course Information

Course Description

The course evaluates the multiple facets of the meat industry from conception of meat animals to consumption of meat products. Knowledge of general history, food safety, inspection, physiology, muscle ultrastructure, harvest, fabrication, meat quality, and processing of meat products will be examined. The role of livestock and the meat industry in producing and providing safe and wholesome vital protein to the world will be emphasized.

Prerequisite and Co-requisite Courses

Junior Standing

Student Learning Outcomes

Upon completion of this course, students will be able to:

- Introduction to facets of the meat industry from conception of meat animals to consumption of meat products.

- Knowledge of general history, food safety, inspection, physiology, muscle ultrastructure, harvest, fabrication, quality, and processing of meat products.
- Understanding of several key and general concepts relating to production and marketing of meat products.

Course Delivery

The lecture and lab will be taught in person only.

Technology Requirements

To successfully complete this course, students need to be able to access Blackboard.

Communication

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 a 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** without proper documentation. Tests and quizzes missed due to an excused absence must be completed within one week. Absences due to an unforeseen emergency which occur on an exam day will be dealt with as they occur.

Written communication via email: All private communication will be done exclusively through your ASU email address. Check frequently for announcements and policy changes. In your emails to faculty, include the course name and section number in your subject line.

Virtual communication: Office hours and/or advising may be done with the assistance of the telephone, Collaborate, Skype, etc.

Grading

Evaluation and Grades

Course grades will be determined as indicated in the table below.

Lecture/Lab	% of Grade
Exams 3	30%
Lecture Quizzes	20%
Lab Assignments	20%
Lab Final	15%
Comprehensive Lecture Final	15%
Total	100%

Grading System

Course grades will be dependent upon completing course requirements and meeting the student learning outcomes.

The following grading scale is in use for this course:

- A = 90% and above
- B = 80.0 – 89.9%
- C = 70.0 – 79.9%
- D = 60.0 – 69.9%
- F = 59.9% or less

Assignment and Activity Descriptions

Assessment of learning outcomes will be primarily by quizzes, exams, and laboratory worksheets specific to each outcome.

Lecture Exam Dates: Will be announced as the semester progresses.

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](#)¹
- [Angelo State University Catalog](#)²

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 of disciplinary action and possible expulsion from ASU.

The College of Science and Engineering adheres to the university's [Statement of Academic Integrity](#)³

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](#)⁵ for more information.

Plagiarism

Plagiarism is a serious topic covered in ASU's [Academic Integrity policy](#)⁶ 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.

In your discussions and/or your papers, it is unacceptable to copy word-for-word without quotation marks and the source of the quotation. It is expected that you will summarize or paraphrase ideas giving appropriate credit to the source both in the body of your paper and the reference list.

Papers are subject to be evaluated for originality. Resources to help you understand this policy better are available at the [ASU Writing Center](#)⁷

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](#)⁸ for more information.

Title IX at Angelo State University

The University prohibits discrimination based on sex, which includes pregnancy, sexual orientation, gender identity, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination including: sexual assault, sex-based discrimination, sexual exploitation, sexual harassment, public indecency, interpersonal violence (domestic violence and/or dating violence), and stalking. As a faculty member, I am a Responsible Employee meaning that I am obligated by law and ASU policy to report any allegations I am notified of to the Office of Title IX Compliance.

Students are encouraged to report any incidents of sexual misconduct directly to ASU's Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator at:

Michelle Miller, J.D.

Special Assistant to the President and Title IX Coordinator

Mayer Administration Building, Room 210

325-486-6357

michelle.boone@angelo.edu

You may also file a report online 24/7 at [Online Form](#)⁹

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.

For more information about [Title IX](#)¹⁰ in general please visit the ASU webpage.

*Syllabus is tentative and subject to change.

¹ <https://www.angelo.edu/current-students/student-handbook/>

² <https://www.angelo.edu/academics/catalog/>

³ <https://www.angelo.edu/live/files/27603-student-handbook-2020-21#page=96>

⁴ <https://www.angelo.edu/current-students/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/current-students/writing-center/academic_honesty.php

⁸ <https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of>

⁹ www.angelo.edu/incident-form

¹⁰ www.angelo.edu/title-ix