FSCI 6346
ADVANCED MEAT SCIENCE

Instructor: Dr. John Kellermeier
Email: jkellermeier@angelo.edu
Phone: 325-486-6746
Office: Vincent 216

Office Hours: MWF 8:00-12:00; 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.

Course Information

Course Description
This course will expose students to advanced knowledge of muscle form and function and the biology of muscle growth and development. The course will evaluate the factors controlling muscle growth and development with specific focus on the muscle regulatory factor family. Additionally, the factors controlling postmortem conversion of muscle to meat, tenderness, water holding capacity, and color as the pertain to the development of meat quality will be developed.

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

- Advanced knowledge of muscle form and function and the biology of muscle growth and development.
- Understanding of factors controlling muscle growth and development.
- Factors controlling postmortem conversion of muscle to meat, tenderness, water holding capacity, and color.

Course Delivery
This class will be taught in-person.
Technology Requirements
To successfully complete this course, students need to be able to access Blackboard as well as the American Society of Animal Science and Meat Science.

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 WILL BE GIVEN without proper documentation. Tests 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..

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.

<table>
<thead>
<tr>
<th>Lecture/Lab</th>
<th>% of Grade</th>
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<tbody>
<tr>
<td>Exams 3</td>
<td>40%</td>
</tr>
<tr>
<td>Journal Article Reviews</td>
<td>15%</td>
</tr>
<tr>
<td>Paper</td>
<td>15%</td>
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<tr>
<td>Presentation</td>
<td>15%</td>
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<tr>
<td>Final Exam</td>
<td>15%</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
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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 by exams and writing assignments.

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
- Angelo State University Catalog

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

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

The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dallas Swafford
Director of Student Disability Services
Office of Student Affairs
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.

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.

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.

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

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 in general please visit the ASU webpage.

Face Mask Policy
As a member of the Texas Tech University System, Angelo State University has adopted the mandatory Facial Covering Policy to ensure a safe and healthy classroom experience. Current research on the COVID-19 virus suggests there is a significant reduction in the potential for transmission of the virus from person to person by wearing a mask/facial covering that covers the nose and mouth areas. Therefore, in compliance with the university policy students in this class are required to wear a mask/facial covering before, during, and after class. Faculty members may also ask you to display your daily screening badge as a prerequisite to enter the classroom. You are also asked to maintain safe distancing practices to the best of your ability. For the safety of everyone, any student not appropriately wearing a mask/facial covering will be asked to leave the classroom immediately. The student will be responsible to make up any missed class content or work. Continued non-compliance with the Texas Tech University System Policy may result in disciplinary action through the Office of Student Conduct.

*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