

Syllabus

Course Information

Course Number: ANSC 307
Course Title: Meats
Sections: 501, 502, 503, 504, 505, 506, 507, 508
Time: Lecture: 8 to 8:50 am, MW; Laboratories – 501: M 1:35 pm to 4:25 pm;
502: T 8:00 AM to 10:50 am; 503: T 12:40 pm to 3:30 pm; 504: W 12:40
pm to 3:30 pm; 505: R 8:00 am to 10:50 am; 506: R 12:40 pm to 3:30 pm;
507: F 8:00 am to 10:40 am; 508: F 12:40 pm to 3:30 pm
Location: Lecture: online; Laboratories: MSTC 100 (Rosenthal Meat and
Technology Center)
Credit Hours: 3 (2 lecture hours; 3 lab hours)
Semester: 2021A

Instructor Details

Instructor

Name: Jeffrey W. Savell
Office: Room 348B Kleberg Center
Phone: Work: (979) 845-3992; Mobile: (979) 255-6676
E-Mail: j-savell@tamu.edu
Office Hours: Contact through email or text

Laboratory coordinator and substitute lecturer

Name: Ray R. Riley
Office: Room 101A MSTC (Rosenthal Meat Science and Technology Center)
Phone: Work: (979) 845-5651; Mobile: (979) 255-0730
E-Mail: r-riley@tamu.edu
Office Hours: Contact through email or text

Graduate student lecture assistants

Name: Tori Teegarden
E-Mail: vteegard@tamu.edu
Phone: (303) 929-1691

Name: Stayci Seaquist
E-Mail: ses200@tamu.edu
Phone: (512) 810-0153

Graduate student laboratory instructors

Section 501 – Monday, 1:30 pm to 4:20 pm

Lab instructor:	Shelley Curry	Lilly Kochevar
E-Mail:	shelley2017@tamu.edu	lkochevar@tamu.edu

Section 502 – Tuesday, 8:00 am to 10:50 am

Lab instructor:	Jenna Hunt	Kathy Modrow
E-Mail:	jennahuntt@tamu.edu	kat76208@tamu.edu

Section 503 – Tuesday, 12:40 pm to 3:30 pm

Lab instructor:	Trent Schwartz	Lilly Kochevar
E-mail:	tschwartz2@tamu.edu	lkochevar@tamu.edu

Section 504 – Wednesday, 12:40 pm to 3:30 pm

Lab instructor:	Ayleen Gonzalez	Sydni Borders
E-mail	ayleengonz@tamu.edu	sydniborders@tamu.edu

Section 505 – Thursday, 8:00 am to 10:50 am

Lab instructor:	Becca Kemp	Jenna Hunt
E-Mail:	rebeccakpat@tamu.edu	jennahuntt@tamu.edu

Section 506 – Thursday, 12:40 pm to 3:30 pm

Lab instructor:	Stayci Seaquist	Trent Schwartz
E-Mail:	ses200@tamu.edu	tschwartz2@tamu.edu

Section 507 – Friday, 8:00 am to 10:50 am

Lab instructor:	Tori Teegarden	Paige Williams
E-Mail:	vteegard@tamu.edu	paige.williams@tamu.edu

Section 508 – Friday, 12:40 pm to 3:30 pm

Lab instructor:	Thachary Mayer	Sydni Borders
E-Mail:	thacharym@tamu.edu	sydniborders@tamu.edu

Course Description

Integrated studies of the meat animal processing sequence regarding the production of meat-type animals and the science and technology of their conversion to human food.

Course Prerequisites

Grade of C or better in [ANSC 111](#) and [ANSC 113](#); junior classification or approval of instructor.

Special Course Designation

Cross-listed with NFSC 307

Course Learning Outcomes

- The student will understand the complexities involved in the conversion of live animals into food and by-products.
- The student will be able to determine yield and quality grades of beef, pork, and lamb.
- The student will know the basic anatomy and wholesale cuts of each species.
- The student will understand the broad factors affecting meat tenderness, meat color, meat processing, and diet/health.

Textbook and/or Resource Materials

Savell, J.W. and G.C. Smith. 2021. Meat Science Laboratory Manual (9th Edition), American Press, Boston, Massachusetts

Set of knives available from the Meat Judging Team (for those participating in the hands-on laboratory). Details about how to obtain these knives will be given during the first week of labs.

Grading Policy

Optional final

The final examination will be optional for those students who do not have unauthorized absences in lecture or lab (for both online and face-to-face attendance). Exempt students will be allowed to take the final to attempt to improve their grade, but the test score will be included in the overall grade calculation.

Examinations

Three examinations will be given during the semester covering both lecture and laboratory materials. The exams will be given during the scheduled lecture time using Zoom to monitor students. The exams may be given through Zoom or will be Adobe Acrobat fillable PDF forms so students should have Adobe Acrobat Reader, Adobe Acrobat Pro, or any other suitable program that will allow these forms to be filled out, saved, and uploaded back to Canvas.

The format of the exams will be combinations of short answer (one to several word answers), short essay (several sentences, a paragraph or two), matching from a word bank, mark with an x the incorrect answers (true/false), multiple choice, and identification of items from the lab.

Laboratory homework

Homework assignments from the laboratory manual will be completed and turned in the next week before each lab. The lab homework assignments are worth 100 points.

Laboratory Discussion posts

At the end of the day for each lab (no later than 11:59 PM), each student shall post a three-to-five sentence summary of key learnings from the lab. The Lab Discussion posts will be worth 50 points.

Laboratory grades

Item	Points
Lab exercises	100
Lab Discussion Posts	50
Total	150

Grading – grades will be computed on the basis of 750 total points (600 for exempt students)

Item	Points
Exam A	150
Exam B	150
Exam C	150
Laboratory	150
Final Exam	150
Total	750

Letter grade determination

Letter grade	Percentage	Pre-final points	Post-final points
A	88.0%	528	660
B	79.0%	474	592.5
C	70.0%	420	525
D	60.0%	360	450

Opportunity to improve grade in future semesters

Students with no more than four unauthorized absences will be allowed to retake exams in subsequent semesters to attempt to improve their grades. Students who are eligible for this option must take the exams during the class time and date they are offered. The new exam grade will be inserted into the grade book for the student, and if the new average improves the grade to the next grade level, a grade change request will be initiated in Howdy.

Late Work Policy

Late homework and Discussion posts

Failure to turn in homework and Discussion posts when specified will result in the following point deductions: (1) same day, but after lab = -1; (2) 1 day late = -2; (3) 2 days late = -3; and (4) 3 days late = no credit.

Course Schedule

Lecture schedule

Monday	Topic	Wednesday	Topic
January 18	No class, Martin Luther King, Jr. Day	January 20	Introduction/Meat Inspection
January 25	Meat Inspection	January 27	Food Safety and Meat
February 1	Slaughter-Dressing of Livestock	February 3	Slaughter-Dressing of Livestock
February 8	Kosher and Halal	February 10	Producer-Related Problems
February 15	Packer-Related Problems	February 17	Exam A
February 22	Livestock By-Products	February 24	Carcass Components, Muscle Structure
March 1	Meat Tenderness	March 3	Meat Tenderization
March 8	Meat Color	March 10	Packaging Systems for Meat
March 15	Meat Curing, Bacon & Ham Processing	March 17	Sausage Manufacturing
March 22	Sausage Manufacturing	March 24	Exam B
March 29	Appraisal of Market Animals	March 31	Appraisal of Market Animals
April 5	USDA Slaughter Animal/Carcass Grades	April 7	Growth/Development of Meat Animals
April 12	Objective Evaluations of Meat Animals	April 14	Contribution of Meat to the Diet
April 19	Contribution of Meat to the Diet	April 21	Exam C
April 26	Exemptions to finals given	April 28	No ANSC 307 class — Redefined day, students attend their Friday classes.

Lab schedule

Week of	Topic	Knives required	Exceptions
January 18	Introduction and Meat Inspection	No	Because of Martin Luther King, Jr. Day, students in Monday's lab (Sections 501) will cover these topics on Monday, January 25 in addition to that week's topic
January 25	Anatomy	No	
February 1	Pork Slaughter	Yes	
February 8	Pork Evaluation and Fabrication	Yes	
February 15	Pork Evaluation and Fabrication	Yes	
February 22	Lamb Slaughter	Yes	
March 1	Lamb Evaluation and Fabrication	Yes	Because of Texas Independence Day, students in Tuesday's labs (Sections 502 and 503) will have this on Tuesday, March 16, 2021
March 8	Lamb Evaluation and Fabrication	Yes	
March 15	Only Tuesday's labs (Sections 501 and 502) will meet this week, on Tuesday, March 16, 2021. No other labs will meet this week	Yes	
March 22	Beef Slaughter	Yes	
March 29	Beef Evaluation	No	Because April 2, 2021 is a Reading Day, students in Friday's labs (Sections 507 and 508) will cover this topic either on Friday, April 9, 2021 or Friday, April 16, 2021 in addition to that week's topic
April 5	Beef Fabrication	Yes	
April 12	Beef Fabrication	Yes	
April 19	Ham and Sausage Manufacturing	No	

Exam dates

Exam	Date
Exam A	Wednesday, February 17
Exam B	Wednesday, March 24
Exam C	Wednesday, April 21
Final exam	Monday, May 3, 8 to 10:30 am

Optional Course Information Items

Equipment and uniforms for laboratories

Lockers will be available for clothing in the Rosenthal Center during the laboratory period only. (These lockers will not be issued for the full semester.) Rubber footwear must be worn during all laboratory periods, which involve participation on the slaughter floor, in the cutting room or in the cooler.

The Rosenthal Center will provide safety helmets, rubber aprons, boning aprons, coveralls, frocks, rubber footwear, cutting gloves, arm guards, and white aprons, which are located in the laundry and uniform storage room. Because equipment will be used by other students in the other lab periods, you will be responsible for cleaning it and placing it back in the room for the subsequent laboratory periods.

Learning Management System

We are using Canvas (canvas.tamu.edu) as the Learning Management System.

University Policies

Attendance Policy

Attendance for the major exams is mandatory. There are 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 other major examinations that were taken.

The university views class attendance and participation as an individual student responsibility. Students are expected to attend class and to complete all assignments.

Please refer to [Student Rule 7](#) in its entirety for information about excused absences, including definitions, and related documentation and timelines.

Makeup Work Policy

Students will be excused from attending class on the day of a graded activity or when attendance contributes to a student's grade, for the reasons stated in Student Rule 7, or other reason deemed appropriate by the instructor.

Please refer to [Student Rule 7](#) in its entirety for information about makeup work, including definitions, and related documentation and timelines.

Absences related to Title IX of the Education Amendments of 1972 may necessitate a period of more than 30 days for make-up work, and the timeframe for make-up work should be agreed upon by the student and instructor” ([Student Rule 7, Section 7.4.1](#)).

“The instructor is under no obligation to provide an opportunity for the student to make up work missed because of an unexcused absence” ([Student Rule 7, Section 7.4.2](#)).

Students who request an excused absence are expected to uphold the Aggie Honor Code and Student Conduct Code. (See [Student Rule 24](#).)

Academic Integrity Statement and Policy

“An Aggie does not lie, cheat or steal, or tolerate those who do.”

“Texas A&M University students are responsible for authenticating all work submitted to an instructor. If asked, students must be able to produce proof that the item submitted is indeed the work of that student. Students must keep appropriate records at all times. The inability to authenticate one’s work, should the instructor request it, may be sufficient grounds to initiate an academic misconduct case” ([Section 20.1.2.3, Student Rule 20](#)).

You can learn more about the Aggie Honor System Office Rules and Procedures, academic integrity, and your rights and responsibilities at aggiehonor.tamu.edu.

Americans with Disabilities Act (ADA) Policy

Texas A&M University is committed to providing equitable access to learning opportunities for all students. If you experience barriers to your education due to a disability or think you may have a disability, please contact Disability Resources in the Student Services Building or at (979) 845-1637 or visit disability.tamu.edu. Disabilities may include, but are not limited to attentional, learning, mental health, sensory, physical, or chronic health conditions. All students are encouraged to discuss their disability related needs with Disability Resources and their instructors as soon as possible.

Title IX and Statement on Limits to Confidentiality

Texas A&M University is committed to fostering a learning environment that is safe and productive for all. University policies and federal and state laws prohibit gender-based discrimination and sexual harassment, including sexual assault, sexual exploitation, domestic violence, dating violence, and stalking.

With the exception of some medical and mental health providers, all university employees (including full and part-time faculty, staff, paid graduate assistants, student workers, etc.) are Mandatory Reporters and must report to the Title IX Office if the employee experiences, observes, or becomes aware of an incident that meets the following conditions (see [University Rule 08.01.01.M1](#)):

- The incident is reasonably believed to be discrimination or harassment.
- The incident is alleged to have been committed by or against a person who, at the time of the incident, was (1) a student enrolled at the University or (2) an employee of the University.

Mandatory Reporters must file a report regardless of how the information comes to their attention – including but not limited to face-to-face conversations, a written class assignment or paper, class discussion, email, text, or social media post. Although Mandatory Reporters must file a report, in most instances, you will be able to control how the report is handled, including whether or not to pursue a formal investigation. The University's goal is to make sure you are aware of the range of options available to you and to ensure access to the resources you need.

Students wishing to discuss concerns in a confidential setting are encouraged to make an appointment with [Counseling and Psychological Services](#) (CAPS).

Students can learn more about filing a report, accessing supportive resources, and navigating the Title IX investigation and resolution process on the University's [Title IX webpage](#).

Statement on Mental Health and Wellness

Texas A&M University recognizes that mental health and wellness are critical factors that influence a student's academic success and overall wellbeing. Students are encouraged to engage in proper self-care by utilizing the resources and services available from Counseling & Psychological Services (CAPS). Students who need someone to talk to can call the TAMU Helpline (979-845-2700) from 4:00 p.m. to 8:00 a.m. weekdays and 24 hours on weekends. 24-hour emergency help is also available through the National Suicide Prevention Hotline (800-273-8255) or at suicidepreventionlifeline.org.

COVID-19 Temporary Addendum to Minimum Syllabus Requirements

The Faculty Senate temporarily added the following statements to the minimum syllabus requirements in Spring 2021 as part of the university's COVID-19 response.

Campus Safety Measures

To promote public safety and protect students, faculty, and staff during the coronavirus pandemic, Texas A&M University has adopted policies and practices for the Spring 2021 academic term to limit virus transmission. Students must observe the following practices while

participating in face-to-face courses and course-related activities (office hours, help sessions, transitioning to and between classes, study spaces, academic services, etc.):

- Self-monitoring—Students should follow CDC recommendations for self-monitoring. **Students who have a fever or exhibit symptoms of COVID-19 should participate in class remotely if that option is available, and should not participate in face-to-face instruction.**
- Face Coverings—[Face coverings](#) (cloth face covering, surgical mask, etc.) must be properly worn in all non-private spaces including classrooms, teaching laboratories, common spaces such as lobbies and hallways, public study spaces, libraries, academic resource and support offices, and outdoor spaces where 6 feet of physical distancing is difficult to reliably maintain. Description of face coverings and additional guidance are provided in the [Face Covering policy](#) and [Frequently Asked Questions \(FAQ\)](#) available on the [Provost website](#).
- Physical Distancing—Physical distancing must be maintained between students, instructors, and others in course and course-related activities.
- Classroom Ingress/Egress—Students must follow marked pathways for entering and exiting classrooms and other teaching spaces. Leave classrooms promptly after course activities have concluded. Do not congregate in hallways and maintain 6-foot physical distancing when waiting to enter classrooms and other instructional spaces.
- To attend a face-to-face class, students must properly wear an approved face covering. If a student refuses to wear a face covering, the instructor should ask the student to leave and join the class remotely. If the student does not leave the class, the faculty member should report that student to the [Student Conduct office](#) for sanctions. Additionally, the faculty member may choose to teach that day’s class remotely for all students or dismiss the class in the case of a traditional face to face lecture.

Personal Illness and Quarantine

Students required to quarantine must participate in courses and course-related activities remotely, if that option is available, and **must not attend face-to-face course activities**. Students should notify their instructors of the quarantine requirement. Students under quarantine are expected to participate in courses and complete graded work unless they have symptoms that are too severe to participate in course activities.

Students experiencing personal injury or illness that is too severe for the student to attend class qualify for an excused absence (See [Student Rule 7, Section 7.2.2.](#)) To receive an excused absence, students must comply with the documentation and notification guidelines outlined in Student Rule 7.

College and Department Policies

College and departmental units may establish their own policies and minimum syllabus requirements. As long as these policies and requirements do not contradict the university level requirements, colleges and departments can add them in this section.