

**ANS 2615C**  
**INTRODUCTION TO LIVESTOCK AND MEAT EVALUATION**  
**Class Location: ANS 156**  
**2024 FALL SEMESTER**  
**M, F Periods 6 & 7**

**INSTRUCTORS:**

**Food Animal**

Allyson Trimble  
Bldg. 459 Room 224D  
352-392-9739  
[trimbleak@ufl.edu](mailto:trimbleak@ufl.edu)

**Meat**

Kyle Mendes  
Bldg. 459 Room 224C  
[Kmendes15@ufl.edu](mailto:Kmendes15@ufl.edu)

**Horse**

Dr. Saundra TenBroeck  
Bldg. 459 Room 231C  
352 392 2789  
[sht@ufl.edu](mailto:sht@ufl.edu)

**OFFICE HOURS:** email for an appointment

**COURSE DESCRIPTION:** Basic elements of live animal evaluation and selection, and carcass evaluation.

**COURSE OVERVIEW:** Introduction to livestock and meat evaluation is a hands-on three credit hour lecture/laboratory course concentrating on the skills and science of evaluating A) breeding and market cattle, sheep, goats, and pigs using visual appraisal and performance records B) conformation and performance of horses and C) beef, pork and lamb carcasses and cuts.

Students will learn how to prioritize traits and use proper terminology to describe animals and carcasses of each species and to defend their decisions via written and oral reasons. This course is an excellent introduction for all livestock and meat courses. It will also provide a baseline of information for students who are interested in participating in the intercollegiate livestock, horse, or meat judging teams.

**PREREQUISITES:**

There are no pre-requisites for this course.

**LEARNING OBJECTIVES:**

Evaluate and rank breeding and market cattle, sheep, goats, and pigs using visual appraisal and performance records.

Evaluate and rank conformation and performance of horses using breed association standards.

Evaluate and rank carcasses and cuts of meat by applying concepts of meat grading and composition.

Utilize proper terminology to describe live animals and carcasses.

Validate the impact of Institutional Meat Purchase Specifications for beef, pork, and lamb on meat merchandising.

Defend decisions by presenting written and/or oral reasons.

**TEXT:**

None is required. Examples and illustrations will be shared on Canvas.

**COURSE FEE:** \$52.59

## **COURSE STRUCTURE & FORMAT:**

Class meetings are Mondays and Fridays (in-person) from 12:50 – 2:45, most often in ANS 156. Some of the 2 period meetings will be conducted at the swine, beef, or horse units. Those locations are noted in the schedule, announced in class, and posted on Canvas. It is the student's responsibility to arrive at the correct location for laboratories and to be on time. The RTS routes serve the swine and beef units. For labs at the horse unit, transportation can be provided with prior notice. Laboratory experiences cannot be duplicated nor made-up.

Each week you will have a worksheet to complete in class and/or an on-line quiz to complete in a prescribed time frame. Late work will not be accepted.

## **COURSE ASSESSMENTS:**

Your grade for this course will be determined by your performance on in-class activity worksheets, on-line quizzes, exams, and a final mock contest. For information on current UF policies for assigning grade points, see <https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/> .

Grade Distribution	3 Exams.....	60%
	9 Weekly on-line quizzes.....	15%
	12 Weekly worksheets.....	15%
	Mock Contest .....	10%

### Grading Scale

A = 90% & above	C = 70 – 74.9%
B+ = 85 – 89.9%	D+ = 65 – 69.9%
B = 80 – 84.9%	D = 60 – 64.9%
C+ = 75 – 79.9%	E = less than 60

## **ATTENDANCE AND MAKE-UP WORK**

Regular attendance is expected, and active participation is necessary for successful completion of this course. If you know you will miss class, please notify the instructor as soon as possible in advance of your absence. Documentation of approved absences must be presented within one week of the absence. Requirements for class attendance and make-up exams, assignments and other work are consistent with university policies that can be found at: <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/> .

## **RISK ASSOCIATED WITH THE USE OF LIVESTOCK AND THEIR TISSUES**

Working with livestock is **inherently risky**. Many of these animals are capable of injuring people, especially when they are in the flight or fight mode inspired by a stressful situation. The instructors will work to provide students with the ability to manage livestock with minimal stress, thus lowering the risk of injury to people and animals. Livestock species can carry microorganisms that can cause diarrhea and flu-like symptoms in humans. These microorganisms can be shed in animal feces and saliva. Organisms of concern such as Salmonella, Campylobacter, and E. coli can survive on animal hides or surroundings, and though unlikely, could be present in/on meat. These pathogens can cause significant illness, especially to someone who is immunocompromised. Students should wash their hands after handling livestock and/or raw meat.

## DRESS CODE

Visiting farms requires appropriate clothing as a protective measure from several environmental hazards. These may include, but are not limited to slobber, urine and various body fluids, manure, stinging insects, biting flies, hazardous plants, ropes and equipment, sun and heat exposure and of course, a generous amount of dirt and grime. For your own protection you are required to wear sturdy closed-toed shoes, long pants and a sleeved (short or long) shirt for laboratory sessions.

For meats labs you will be entering a refrigerated, USDA inspected food handling facility. A shirt with sleeves, long pants and close-toe shoes **MUST BE WORN**. No jewelry aside from a plain wedding band is permissible. A coat or sweatshirt is strongly recommended. Head cover will be provided.

## ONLINE COURSE EVALUATION PROCESS

Student assessment of instruction is an important part of efforts to improve teaching and learning. At the end of the semester, students are expected to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at:

<https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at: <https://gatorevals.aa.ufl.edu/public-results/>.

## ACADEMIC HONESTY

As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: *"We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity."* You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: *"On my honor, I have neither given nor received unauthorized aid in doing this assignment."*

It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: <http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code> .

## IN-CLASS RECORDING

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1)

for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

A “class lecture” is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.

Publication without the permission of the instructor is prohibited. To “publish” means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third-party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.

### **SERVICES FOR STUDENTS WITH DISABILITIES**

The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

0001 Reid Hall, 352-392-8565, <https://disability.ufl.edu/>

### **CAMPUS RESOURCES**

Students experiencing crises or personal problems that interfere with their general well-being are encouraged to utilize the university’s counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.

*University Counseling & Wellness Center, 3190 Radio Road, visit [www.counseling.ufl.edu](http://www.counseling.ufl.edu) or call 352-392-1575 for information on crisis services as well as non-crisis services.*

*U Matter We Care, if you or someone you know is in distress, contact [www.umatter.ufl.edu/](http://www.umatter.ufl.edu/), 352 392-1575 to report a concern and a team will reach out to the student in distress.*

*Student Success Initiative, <http://studentsuccess.ufl.edu> .*

*Student Health Care Center:* Call 352 392-1161 for 24/7 information to help you find the care you need, or visit <https://shcc.ufl.edu/>

*University Police Department:* Visit UF Police Department website: <https://police.ufl.edu/> or call 352-392-1111 (or 9-1-1 for emergencies).

*UF Health Shands Emergency Room / Trauma Center:* For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32608; Visit the UF Health Emergency Room and Trauma Center website: <https://ufhealth.org/emergency-room-trauma-center>

*Gator Well Health Promotion Services:* For prevention services focused on optimal wellbeing, including Wellness Coaching for Academic Success, visit the GatorWell website: <https://gatorwell.ufsa.ufl.edu/> or call 352-273-4450.

## **Academic Resources**

*E-learning technical support:* <https://helpdesk.ufl.edu/> Contact the UF Computing Help Desk at 352-392-4357 or via e-mail at [helpdesk@ufl.edu](mailto:helpdesk@ufl.edu).

*Career Connections Center:* <https://career.ufl.edu/> Reitz Union Suite 1300, 352-392-1601. Career assistance and counseling services.

*Library Support:* <https://uflib.ufl.edu/find/ask/> Various ways to receive assistance with respect to using the libraries or finding resources.

*Teaching Center:* <https://teachingcenter.ufl.edu/> Broward Hall, 352-392-2010 or to make an appointment 352- 392-6420. General study skills and tutoring.

*Writing Studio:* <https://writing.ufl.edu/writing-studio/> 2215 Turlington Hall, 352-846-1138. Help brainstorming, formatting, and writing papers.

*Student Complaints On-Campus:* <https://sccr.dso.ufl.edu/policies/student-honor-%20code-student-conduct-code/> Visit the Student Honor Code and Student Conduct Code webpage for more information.

## COURSE SCHEDULE

Week	Date	Topic
1	F 8-23	Judging Overview
2	M 8-26	Horse overview/Breeds/Type/Anatomy
	F 8-30	Conformation evaluation/terminology
3	<b>M 9-2</b>	<b>Labor Day - NO CLASS</b>
	F 9-6	Horse Evaluation (Horse Teaching Unit)
4	M 9-9	Gaits/Evaluating Gait Quality
	F 9-13	Performance Evaluation/Rail classes (HTU)
5	M 9-16	Judging Scored Classes and constructing reasons
	<b>F 9-20</b>	<b>Horse evaluation exam</b>
6	M 9-23	Industry Overview and Breeds
	F 9-27	Evaluating Breeding Livestock
7	M 9-30	Evaluating Market Livestock
	F 10-4	Beef Unit
8	M 10-7	Swine Unit
	F 10-11	Performance Data and EPD's
9	M 10-14	Reasons and Terminology
	<b>F 10-18</b>	<b>Homecoming - NO CLASS</b>
10	<b>M 10-21</b>	<b>Livestock Evaluation Exam</b>
	F 10-25	Beef Quality Grading
11	M 10-28	Beef Yield Grading
	F 11-1	Beef Grading (Cooler)
12	M 11-4	Beef Judging
	F 11-8	Pork/Lamb Grading
13	<b>M 11-11</b>	<b>Veterans Day – NO CLASS</b>
	F 11-15	Pork/Lamb Judging (Cooler) Reasons
14	M 11-18	Reasons
	<b>F 11-22</b>	<b>Meats Evaluation Exam</b>
15	<b>M 11-25</b>	<b>Thanksgiving NO CLASS</b>
	<b>F 11-29</b>	<b>Thanksgiving NO CLASS</b>
16	<b>M 12-2</b>	<b>Contest Final</b>

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