

**ANS 3246**  
**Beef Practicum**  
**Fall 2017**

**Instructor:**

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**Schedule:**

Lab:            M        7<sup>th</sup> – 9<sup>th</sup> periods at the Beef Teaching Unit

Office Hours: Open door policy

**Course Description:**

Students participate in beef cattle production systems under close supervision of faculty and staff. Students gain knowledge of best management practices regarding cattle handling, tractor and equipment use, as well as cattle hauling by participating in experiential learning opportunities.

**Course Objectives:**

Beef Practicum is a 2 credit “hands on” course that is designed to be taken concurrently with ANS 4243C (fall) and ANS 4245 (spring). This lab is focused on animal handling, behavior, and health care as it relates to beef cattle. It is designed to give students a chance to practice real world techniques and management practices utilized daily in the beef cattle industry. The course is offered for reoccurring credit (2 per semester, maximum of 2 semesters) in the spring and fall semesters. The fall semester will focus on hands on practicum activities and the spring semester will focus on short class trips to local producers. At the conclusion of the practicum, students will be able to:

1. Understand cattle psychology and demonstrate proper handling techniques utilizing basic and advanced handling facilities.
2. Understand and demonstrate proper techniques for vaccination, castration, dehorning, weighing, calving, condition scoring, aging, valuing, buying and selling of beef cattle.

**Course Pre-requisites:** Sophomore or Junior standing and currently enrolled in ANS 4243

## Grading Policy:

1. Final course grade will be based on lab attendance, participation in the course and a final exam skills assessment. Participation in the discussion and hands on activities are essential in this course. This will be based on observations by the instructor and teaching assistants.

- **Attendance and Participation for Labs Attended = 5 points maximum per lab; 75 points maximum per semester**

Level of Participation in Lab	Points Possible
Attended lab and participated freely and volunteered without hesitation with outstanding attendance	5
Attended lab, but student had to be asked to participate on a regular basis	4
Attended lab, but slow to participate and had to be strongly encouraged to be involved with multiple absences	3
Attended lab, but often did not participate	2
Attended lab, but failed to participate	1
Did not attend lab	0

Each week students will be graded on a 0 – 5 scale following the rubric above. A minimum of zero points will be assigned to students on labs they fail to attend and a maximum of 5 points will be assigned to students who attended and participated freely in that week's lab. A maximum of 65 total points may be used to calculate a student's lab grade for attendance and participation throughout the semester. With approximately 15 labs per semester, this will allow for two dropped lab grades in the case of an absence(s). If a student has more than 2 absences for excused absences or emergencies consistent with university policies, then the student must make arrangements with the instructor for make-up assignments or assessments as soon as possible.

\*Note: Requirements for class attendance and make-up practicum assessments, assignments and other work are consistent with university policies that can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx> In general, acceptable reasons for absence from or failure to participate in class include illness, serious family emergencies, special curricular requirements (e.g., judging trips, field trips, and professional conferences), military obligation, severe weather conditions, religious holidays and participation in official university activities such as music performances, athletic competition or debate. Absences from class for court-imposed legal obligations (e.g., jury duty or subpoena) must be excused. Other reasons also may be approved.

**Total Points = 65 points maximum**

Final Grade (non-negotiable)

> 90.0 =	A	72.5 - 77.4 =	C
87.5 - 89.9 =	B+	70.0 - 72.4 =	C-
82.5 - 87.4 =	B	67.5 - 69.9 =	D+
80.0 - 82.4 =	B-	60.0 - 67.4 =	D
77.5 - 79.9 =	C+	60.0 - 62.5 =	D-
		< 60.0 =	E

2. Text:

Beef Quality Assurance Handbook will be provided by instructor. Additional supplemental readings may be used during lab, but will be provided by the instructor. Examples, include:

- [https://edis.ifas.ufl.edu/topic\\_series\\_cull\\_cow\\_beef\\_quality\\_issues](https://edis.ifas.ufl.edu/topic_series_cull_cow_beef_quality_issues)
- <https://edis.ifas.ufl.edu/an289>
- <https://edis.ifas.ufl.edu/an319>
- <https://edis.ifas.ufl.edu/an226>
- <https://edis.ifas.ufl.edu/an305>
- <https://edis.ifas.ufl.edu/vm117>
- <https://edis.ifas.ufl.edu/an129>
- <https://edis.ifas.ufl.edu/ig054>

4. Holidays

September 4 Labor day

**Subjects to be covered throughout the course include but are not limited to the following:**

Cattle handling safety  
Handling vaccines  
Administration of dewormer  
Selection of needles  
Techniques for castration  
Techniques for dehorning  
Utilization of a manual squeeze chute  
Utilization of a hydraulic squeeze chute  
Feeder calf value  
Feeding management  
Calving and calf care  
Forage evaluation  
Trailer loading and hauling  
Flight zone  
Point of balance  
Antibiotic utilization  
Marketing cattle  
Heifer selection  
Cattle identification  
Implant administration  
Blood and fecal sampling  
Cattle restraint  
Bull selection and ultrasound  
Beef Quality Assurance

**RISK ASSOCIATED WITH THE USE OF LIVESTOCK:**

Working with livestock is inherently *risky*. Many of these animals are capable of injuring people, especially when they are in the *fight or flight* 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.

**IT IS IMPERATIVE THAT STUDENTS FOLLOW INSTRUCTIONS!**

### **Grades and Grade Points**

For information on current UF policies for assigning grade points, see <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

### **Attendance and Make-Up Work**

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/ugrad/current/regulations/info/attendance.aspx>.

### **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. These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open for students to complete during the last two or three weeks of the semester; students will be notified of the specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>.

### **Software Use:**

All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

### **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, [www.dso.ufl.edu/drc/](http://www.dso.ufl.edu/drc/)

## **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>.

## **Campus Helping Resources**

Students experiencing crises or personal problems that interfere with their general wellbeing 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, 352-392-1575,*

[www.counseling.ufl.edu/cwc/](http://www.counseling.ufl.edu/cwc/)

Counseling Services

Groups and Workshops

Outreach and Consultation

Self-Help Library

Wellness Coaching

- U Matter We Care, [www.umatter.ufl.edu/](http://www.umatter.ufl.edu/)
- *Career Resource Center, First Floor JWRU, 392-1601, [www.crc.ufl.edu/](http://www.crc.ufl.edu/)*

## **Student Complaint Process**

*Residential Course:* [https://www.dso.ufl.edu/documents/UF\\_Complaints\\_policy.pdf](https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf).