

# Cover Sheet: Request 10758

## ANS4243C Beef Cow/Calf Management

### Info

Process	Course Modify Ugrad/Pro
Status	Pending
Submitter	Imler,Amie M amie.taylor@ufl.edu
Created	2/4/2016 6:02:10 PM
Updated	2/19/2016 4:56:24 PM
Description	Development and implementation of management programs for commercial cow-calf and purebred beef cattle enterprises.

### Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	CALS - Animal Sciences 514909000	Tenbroeck, Saundra Hodge		2/4/2016
Deleted 4243c.pdf					2/4/2016
College	Approved	CALS - College of Agricultural and Life Sciences	Brendemuhl, Joel H	Approved by CALS CC 2-12-16	2/19/2016
Added ANS 4243 - NEW - Cow-Calf syllabus fall 2016revised (2).doc					2/19/2016
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			2/19/2016
No document changes					
Statewide Course Numbering System					
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
College Notified					
No document changes					

# Course|Modify for request 10758

## Info

**Request:** ANS4243C Beef Cow/Calf Management

**Submitter:** Imler, Amie M amie.taylor@ufl.edu

**Created:** 2/19/2016 3:40:58 PM

**Form version:** 2

## Responses

### Current Prefix

*Enter the current three letter code (e.g., POS, ATR, ENC).*

Response:  
ANS

### Course Level

*Select the current one digit code preceding the course number that indicates the course level at which the course is taught (e.g., 1=freshman, 2=sophomore, etc.).*

Response:  
4

### Number

*Enter the current three digit code indicating the specific content of the course based on the SCNS taxonomy and course equivalency profiles.*

Response:  
243

### Lab Code

*Enter the current lab code. This code indicates whether the course is lecture only (None), lab only (L), or a combined lecture and lab (C).*

Response:  
C

### Course Title

*Enter the current title of the course as it appears in the Academic Catalog.*

Response:  
Beef Cow/Calf Management

### Effective Term

*Select the requested term that the course change(s) will first be implemented. Selecting "Earliest" will allow the change to be effective in the earliest term after SCNS approval. If a specific term and year are selected, this should reflect the department's expectations. Courses cannot be changed*

*retroactively, and therefore the actual effective term cannot be prior to SCNS approval, which must be obtained prior to the first day of classes for the effective term. SCNS approval typically requires at least 6 weeks after approval of the course change at UF.*

Response:  
Fall

**Effective Year**

*Select the requested year that the course change will first be implemented. See preceding item for further information.*

Response:  
2016

**Requested Action**

*Indicate whether the change is for termination of the course or any other change. If the latter is selected, all of the following items must be completed for any requested change.*

Response:  
Other (selecting this option opens additional form fields below)

**Change Course Prefix?**

Response:  
No

**Change Course Level?**

*Note that a change in course level requires submission of a course syllabus.*

Response:  
No

**Change Course Number?**

Response:  
No

**Change Lab Code?**

*Note that a change in lab code requires submission of a course syllabus.*

Response:

Yes

**Current Lab Code**

Response:  
C

**Proposed Lab Code**

Response:  
None

**Change Course Title?**

Response:  
No

**Change Transcript Title?**

Response:  
No

**Change Credit Hours?**

*Note that a change in credit hours requires submission of a course syllabus.*

Response:  
Yes

**Current Credit Hours**

Response:  
3

**Proposed Credit Hours**

Response:  
5

**Change Variable Credit?**

*Note that a change in variable credit status requires submission of a course syllabus.*

Response:

No

**Change S/U Only?**

Response:

No

**Change Contact Type?**

Response:

No

**Change Rotating Topic Designation?**

Response:

No

**Change Repeatable Credit?**

*Note that a change in repeatable credit status requires submission of a course syllabus.*

Response:

No

**Change Course Description?**

*Note that a change in course description requires submission of a course syllabus.*

Response:

No

**Change Prerequisites?**

Response:

No

**Change Co-requisites?**

Response:

No

**Rationale**

Response:

This course has been revised and no longer includes a lab (students can enroll in a beef cattle practicum simultaneously if they wish), but students will meet for 5 hours each week for lecture

**ANS 4243**  
**Beef Cow/Calf Management**  
**Fall 2016**  
**5 credits**

**Instructor:**

Dr. Todd Thrift  
210C Animal Science Bldg., North (Bldg. 459)  
392-8597 office  
[tathrift@ufl.edu](mailto:tathrift@ufl.edu)

**Teaching Assistants:**

Jesse Savell  
[Savell@animal.ufl.edu](mailto:Savell@animal.ufl.edu)  
352-494-3397 cell

**Schedule:**

Lectures:        T R     Period 3 (9:35 - 10:25 am)        Bldg. 459 Rm. 155

Discussion:     R        Period 8-10 (3:00 - 6:00 pm)        Bldg. 459 Rm. 155

Office Hours:   Open door policy

**Course Description:**

Development and implementation of management programs for commercial cow-calf and purebred beef cattle enterprises.

**Course Objectives:**

Beef Cow/Calf Management is a senior-level “capstone” course for the Beef Industry curriculum in the Animal Sciences Major. It is designed to assimilate information learned in prerequisite courses into management systems. The course will focus on commercial cow/calf production with emphasis on application of nutrition, reproduction, genetics, health, marketing, and financial management. At the conclusion of this course, students will be able to:

1. Understand the beef cattle industry in the state of Florida, the United States, and the World.

- Describe roles of the major beef breeds as well as equipment, identification, nutrition, reproduction, genetics, health, marketing, taxation, and management concepts relative to the beef cattle industry.
- Understand the future direction of the beef cattle industry and how change may affect beef production.

**Grading Policy:**

- Final course grade will be based on percentage of total points earned (total points will be based on hour examinations, homework, magazine article reviews, and final examination).

	Points		Percentage
Hourly exam 1	150		37.5
Hourly exam 2	150		37.5
Homework (~5 assignments)	50		12.5
Magazine article reviews (10)	50		12.5
Total	400		100

Final Grade (non-negotiable)

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

- Final examination, which all students have to take, will be given on a date and during a time period specified in the University Class schedule.
- Hour examinations, involving lecture and laboratory material, will be given at specified intervals during the semester. If the hour exam is not taken at a specified time due to an excused absence as outlined in UF's Attendance Policy (<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>), the student must provide the instructor with documentation stating the reason. **Make up hour examinations will be oral!!**
- Unannounced pop quizzes may be given in lecture or lab. Quiz points will be bonus points.



5. **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>

Attendance to lecture is not required. No penalty will be imposed for absence; however, students are responsible for material covered in class. 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.

6. Review and summary of a popular press article will be required weekly. The summary should be handwritten (must be readable and neat), between 3/4 to 1 page in length, due on **THURSDAYS** at the **BEGINNING** of lab. The summary must review the facts presented in the article **and should end with a couple of sentences on how the information presented might apply to the Florida Beef Industry.**

Acceptable magazines for review are listed below (This list is not inclusive and other magazines are acceptable as long as they apply to the beef industry).

Agricultural Research	Feedlot	Meat International
Angus Journal	Feedstuffs	National Cattlemen
Angus Beef Bulletin	Gelbvieh World	Progressive Farmer
Beef	Gulf Coast Cattleman	Santa Gertrudis USA
Beef Today	Hay and Forage Grower	The Cattleman
Braford News	Hereford World	The Florida Cattleman
Cattle Today	Limousin World	The Beefmaster Cowman
Drovers Journal	Livestock Weekly	Western Livestock Journal

**Text:**

No text is required. Supplemental reading may be handed out during class or lab.

### Tentative Course Outline:

Date		Subject
08/25	Lecture	Introduction/Syllabus Overview How did the FL beef cattle industry get started? -History of beef industry in FL
08/27	Lecture	Introduction/Syllabus Overview How did the FL beef cattle industry get started? -History of beef industry in FL
08/27	Lecture	How is the beef industry structured? -Overview of beef cattle industry –structure, industry targets
09/1	Lecture	How is the beef industry structured? -Overview of beef cattle industry –structure, industry targets
09/3	Lecture	Where are the cows in FL, the US, and World? -Global beef production -Comparison and contrast of beef production practices
09/3	Lecture	Why isn't the beef industry vertically integrated? -Discussion of industry structure, current and future trends How are cattle different than other creatures? -Common cattle characteristics What traits are important in beef production? -Placing selection emphasis on different traits
09/8	Lecture	What is a genetic antagonism? -Common antagonisms that hinder selection progress
09/10	Lecture	Should all of my calves grade choice? -Utilization of carcass data to make selection decisions
09/10	Lecture	Is my cow too big? -Discussion of cow size and milk production
09/15	Lecture	How heavy should my weaning weight be? -Economics of weaning weight and value of gain -Discussion on age at weaning What are the implications of high reproductive rates and heavy calf crops? -Cost and benefits of improving lbs calf weaned/cow exposed

09/17	Lecture	Which breed do I choose? -Breed evaluation/utilization -Breed vs Type
09/17	Lecture	Which breed do I choose? -Breed evaluation/utilization -Breed vs Type -Functional traits
09/22	Lecture	What is hybrid vigor and how can I take advantage of it? -Discussion of crossbreeding potential
09/24	Lecture	Should I straightbreed or crossbreed? -Planning a breeding program
09/24	Lecture	Should I straightbreed or crossbreed? -Planning a breeding program
9/29	Lecture	Should I straightbreed or crossbreed? -Planning a breeding program
10/1	Lecture	What is a composite? -Discussion of alternative mating plans
10/1	Lecture	How much ear do I need in my cow? -Discussion of adaptability to hot humid conditions
10/6	Lecture	Which heifers should I keep as replacements? How old are my cows? -Determining age of cows
10/8	Lecture	What are the keys to good reproductive success in my cowherd? -Calving span, % Calf Crop,
10/8	Lecture	How am I ever going to pass this test? <b>-EXAM 1 SUBJECT TO CHANGE</b>
10/13	Lecture	When should my cows calve? -Calving season selection and management
10/15	Lecture	What is the Non fed Beef Quality Audit? -BQA application to cull cow management
10/15	Lecture	What is Beef Quality Assurance? -Injection sites
10/20	Lecture	How should I manage my heifers? -Replacement heifer selection and management

10/22	Lecture	Should I purchase or raise my replacement heifers? -Economics of replacement females
10/22	Lecture	Replacement female options continued
10/27	Lecture	How should I sell my calves? What is a slide? Should I retained ownership? What is a breakeven?
10/29	Lecture	How do I use data to help me make selection decisions? -Utilizing EPDs, frame score, weights, carcass data, etc.
10/29	Lecture	How should I manage my bulls? -Bull management for commercial cow calf producers -Utilization of yearling bulls -Utilization of un-adapted bulls -Breeding soundness of bulls
11/3	Lecture	Bull Management cont
11/5	Lecture	How do I use data to help me make selection decisions? Cont. -Utilizing EPDs, frame score, weights, carcass data, etc.
11/5	Lecture	How do I use all this data to pick a bull?
11/10	Lecture	How do I use all this data to pick a bull?
11/12	Lecture	How do I use all this data to pick a bull?
11/12	Lecture	How do I use all this data to pick a bull?
11/17	Lecture	What vaccines should I give my cows? -Vaccination theory -Bovine diseases -Designing a herd health program
11/19	Lecture	Should I individually identify my cows/calves? -Individual animal management
11/19	Lecture	How do I ID my cows? -Marks and Brands
11/24	Lecture	Should I deworm my cows? -Internal and external parasite control
11/26	Lecture	How much turkey can I eat? -Thanksgiving Break

11/26	Lecture	How much leftover turkey can I eat? -Thanksgiving Break
12/1	Lecture	Should I deworm my cows? -Internal and external parasite control
12/3	Lecture	Who is going to pay me? -Calf management practices -Factors affecting calf quality
12/3	Lecture	Where is the beef industry headed?
12/8	Lecture	What are the hot issues? -Overview of beef issues, i.e., food safety, environment -Future trends in the beef industry
12/10 - 12/11	Trip	Tentative field Trip to South FL
12/14	Lecture	When is this ever going to end? <b>-FINAL EXAM 7:30AM -???????????????</b>

**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>

### **Absences 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>.

### **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/honorcodes/honorcode.php>.

### **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.

## **Campus Helping 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, 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/)*

## **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/)

## **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).