

ANS 4932
Sections 22C0 and 193D
Introduction to Animal Science
Spring Semester 2017

Instructor

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Virtual Office Hours: Please e-mail for an appointment

Reference Text (Not Required)

Introduction to Animal Science W. Stephen Damron ISBN-10: 0-13-513486-2

Course Description

Role of aquaculture, beef cattle, dairy cattle, goats, horses, poultry, sheep and swine in serving humans. Introduction to nutrition, growth, reproduction, meats and genetics related to improving livestock production.

Course Objectives

1. To help students understand the broad scope of disciplines and opportunities existing in the livestock industry and their contribution to humans.
2. To help students comprehend the basic principles of Animal Sciences.
3. To help students understand the purpose, proper usage, and impact of management techniques used in the various livestock industries.
4. To help students develop an insight into the problems and status of livestock production.
5. To help students realize the affiliation that exists between livestock production and other agricultural enterprises.
6. To develop an appreciation of the various livestock industries.

Course Information

Format

The course is 100% online. All materials will be found on Canvas. Students can work at their own pace as long as they are meeting specified completion dates. **All deadlines are at 11:59 pm of the specified date.**

Modules

The course is divided into 13 modules consisting of a combination of video lectures, discussions, readings, and other activities. Module assessments, quizzes, and activities must be completed by the time the module closes. Items not completed will receive zero credit. Discussion topics will have their own independent completion windows.

Terminology assessment

Each module will have a terminology exercise where students must achieve 80% to advance. Students will be given as many attempts as necessary to meet the threshold. Final score will not be included in calculation for final grade.

Discussions

At different points during the semester a discussion topic will be posed. A rubric will be provided setting the parameters of the discussion and how points will be assigned.

Activities

At different points during the semester an activity will be provided. A rubric will be provided setting the parameters of how the activity will be graded.

Module Quizzes

At the end of each module there will be a 25 point quiz covering that module's content and terminology.

Late assignments/ Make-up work

Since this class is online, students are free to work ahead if a time conflict is upcoming and from wherever they have internet access. If a student requires an extension, they must request it prior to the assignment's deadline and have reasonable justification. Requests made after the deadline may be granted with extenuating circumstances, but assignments will be docked 10% every 24 hours from when they were originally due.

Final Grades

Final grades will be determined by calculating the percentage of points earned out of total points available. That percentage will correspond to a letter grade. No component will be given extra weight so you should be able to easily calculate your current grade and the number of points you need to get the final grade you desire. Letter grades will be assigned as follows:

| | | | | | | |
|----------|------|----------|----------|------|----------|----|
| ≥93% | A | ≥80%<83% | B- | ≥67% | <70% | D+ |
| ≥90%<93% | A- | ≥77% | <80% | C+ | ≥63%<67% | D |
| ≥87% | <90% | B+ | ≥73%<77% | C | ≥60%<63% | D- |
| ≥83%<87% | B | ≥70%<73% | C- | <60% | | E |

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>

Academic Honesty, Software Use, Campus Helping Resources, Services for Students with Disabilities

STUDENT HONOR CODE

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>.

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/
 - Counseling Services
 - Groups and Workshops
 - Outreach and Consultation
 - Self-Help Library Training Programs
 - Community Provider Database
- U Matter We Care, www.umatter.ufl.edu/
- Career Resource Center, First Floor JWRU, 392-1601, www.crc.ufl.edu/

Services for Students with Disabilities

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodations. Students with disabilities should follow this procedure as early as possible in the semester.

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>.

Each online distance learning program has a process for, and will make every attempt to resolve, student complaints within its academic and administrative departments at the program level. See <http://distance.ufl.edu/student-complaints> for more details.

Important Dates

January 4th- First day of semester
 January 16th- University Holiday- Martin Luther King Day
 March 4th -March 11th UF Spring Break
 April 19th- Last day of semester

Schedule

| Module | Date Due | Topic |
|--------|----------|--|
| 1 | Jan 13 | Introduction, Land Grant University and Animal Science |
| 2 | Jan 20 | Nutrition |
| 3 | Jan 27 | Reproduction |
| 4 | Feb 3 | Genetics |
| 5 | Feb 10 | Animal Health |
| 6 | Feb 17 | Behavior and Welfare |
| 7 | Feb 24 | Dairy |
| 8 | Mar 3 | Equine |
| 9 | Mar 17 | Meats |
| 10 | Mar 24 | Beef |
| 11 | Mar 31 | Sheep and Goats |
| 12 | Apr 7 | Poultry |
| 13 | Apr 14 | Swine |

Assignments/Activities

Reproductive Hormones
 Antibiotic resistance
 Meat retail exercise
 Screwworms
 Parts of the egg

Due date.

February 3rd
 February 10th
 March 17th
 March 24th
 April 7th

Discussions

Introduction
 Sustainability- part 1
 Sustainability- part 2
 Raw milk myth busters- part 1
 Raw milk myth busters- part 2
 Sheep and goat production

January 13th
 January 13th
 January 20nd
 February 24th
 March 3rd
 March 31st