**NEBRASKA COLLEGE OF TECHNICAL AGRICULTURE**

**Division: Animal Science/ AG Education**

**Course: Animal Management**

**Course Number: ASI 1303**

**Credit Hours: 3**

**Semester:**  *Online/ Dual Credit*

**Instructor:** Douglas Smith, Ph.D.

**Office: LTC 107**

**Office Hours: Email, Phone or stop by to set-up and appointment**

**(or by appointment)**

**Phone Number: 308-367-5286 office 281-415-5271 cell**

**E-mail Address: doug.smith@unl.edu**

**DIVISION MISSION :**

APS-Animal Science division is dedicated to embracing innovation and respecting tradition for the agriculture industry and related sciences.

**ASI 1303 – Animal Management meets the following APS Program Outcomes:**

1. Students will be able to effectively communicate in oral and written form.

**2.** Students will be able to gather, assimilate and process information to reach sound

logical conclusions.

3. Students will be able to exhibit required knowledge and skills consistent with their

chosen field of study.

4. Learning outcomes specific to Livestock Industry Management Options.

5. Students will be knowledgeable in the areas of modern livestock husbandry and management

practices.

**ASI 1303- Animal Management supports the following General Education Outcomes:**

1. Written Communication
2. Oral Presentation
3. Quantitative Literacy
4. Problem Solving
5. Civic Engagement
6. Creative Thinking

**student Learning Outcomes:**

**Students will be able to…**

1. Discuss the importance of U.S. Agriculture in the Global

Economy.

**2.** Describe the issues facing animal agriculture.

1. Explain how the digestive systems work in both systems of livestock.
2. Compare various reproductive systems of livestock.
3. Establish a management plan for multi species.
4. Design a management plan for each of livestock species.

**COURSE DESCRIPTION:** Animal Management addresses production of livestock based on scientific principles. Principles of managing livestock in an economic and efficient manner will be studied.

**Course Prerequisites: None**

**REQUIRED TEXT:**

**iCEV Access**

**ASSESSMENT**

Academic assessment is the process for *ongoing improvement of student learning and success*. The assessment program at NCTA has four specific interrelated purposes:

1. To improve student learning
2. To improve teaching strategies
3. To document successes and identify opportunities for improvement
4. To provide evidence for institutional effectiveness

Criteria for Assessment:

1. *In-class Quizzes* will be given throughout the semester. They will emphasize the material covered in the most recent lectures and are designed to prepare students for the exam.

2. *Take-home Homework* will provide a chance for students to apply the readings, prepare for exams, and develop skills in the application of course content.

3. *In-class* *Exams* will include multiple choice, short answer, true/false, and application problems. The *Final Exam,* scheduled during finals week*,* is mandatory. Failure to take the *Final Exam*, for whatever reason, will result in an *F* for the course regardless of points accumulated throughout the semester.

4. *Class participation* will reflect the level of the student’s attendance and engagement in the classroom.

**Grading Scale**

Total Points and Grade Ranges: There will be three or four mid-term exams worth 200 points. There will be a comprehensive final worth 200 points. Exams will be announced at least 1 week prior to exam date. Quizzes (100 points) will be given on a regular basis and grades calculated on points accumulated. Announced quizzes will be posted using the Blackboard system; at the discretion of the instructor unannounced quizzes may be given during lecture periods. Quizzes cannot be made up, thus attendance is required. Homework assignments may be assigned and used as points to maintain good attendance and reading of assignments.

4 Tests 800

Final Exam 200

Project 400

Total 1400

**GRADING:**

|  |  |  |
| --- | --- | --- |
| Grade | GPA | % |
| A+ | 4.00 | 100 |
| A | 4.00 | 90-100 |
| A- | 3.67 | 86.7-90 |
| B+ | 3.33 | 83.3-86.7 |
| B | 3.00 | 80-83.3 |
| B- | 2.67 | 76.3-80 |
| C+ | 2.33 | 73.3-76.3 |
| C | 2.00 | 70-73.3 |
| C- | 1.67 | 66.7-70 |
| D+ | 1.33 | 63.3-66.7 |
| D | 1.00 | 60-63.3 |
| F | 0.00 | 0-60 |
| F | 0.00 |  |

It is highly recommended that you have a ‘flash drive’ for saving and storing your documents.

#### Assignment Due Dates- Will be given along with assignment and rubric.

**Blackboard- Lecture Notes will be placed on Blackboard.**

**COURSE POLICIES:**

##### Attendance- The NCTA Campus Handbook states: “A student is expected to attend all classes. The Nebraska College of Technical Agriculture has no regulations which permit cuts.” Good class attendance is an indicator of responsibility, dedication and reliability. Good attendance will promote good grades.

**Academic Dishonesty**

Academic dishonesty, in any form, will not be tolerated in this course. Likewise, you should not be expected to tolerate academic dishonesty from fellow classmates. If you observe such an act with regard to this course, please notify the instructor immediately. Any student suspected of any form of academic dishonesty will be dealt with promptly and appropriately, which may include immediate dismissal from the course with a failing grade and a second offense will result in dismissal from the institution.

Disability

Reasonable accommodations will be made for those students with disabilities. See Kevin Martin in the Learning Resource Center or the instructor.

**Prepare yourself as a professional by:**

* Conducting yourself in a manner that is respectful to the instructor and your fellow students (If you insist on being disruptive in class you will be asked to leave the class)
* Performing your own work on all assignments and in a timely manner
* The use of any PDA device, not used for formal education during class, will result in its confiscation!!
* Refrain from using inappropriate language
* Refrain from using any tobacco products
* Following all guidelines set forth by the instructor and NCTA.

Verbal or physical abuse towards another student, faculty or staff will be dealt with zero tolerance

**Cell Phones:**

Cell phones should not be used during the class period. If you caught using your phone (making calls, texting, ex.) you may be asked to leave the class only to return after you have talked to the instructor. ONLY in the case of emergencies may you answer a call. This should be discussed with me prior to class.

**ANIMAL POLICY**

**IACUC/Animal Care**: In the event an animal used in the program becomes sick or injured, a veterinarian will be called to examine the animal and such examination and recommendations documented in the animal’s medical record. Reports of animal abuse/misuse will be taken seriously and investigated by the IACUC. Reports of abuse should be made in writing to the head of IACUC. Those in question may face disciplinary action. Our animals are our finest professors and should be treated as such.

**IACUC/Animal Use/AVMA:** The use of live animals as part of this course provides an essential and unique learning opportunity, teaching skills as well as compassion in a way not possible without the animals themselves. AVMA – CVTEA, in the P&P, under Standard X – Curriculum 10b states “Integration of nursing, technical, and medical skills within the curriculum must use live animals…” Under standard V – Resources for Clinical Instruction under 5A it states “Animals of various common domestic and laboratory animal species must be available for use in teaching.”

**Pain and Discomfort statement:** Some procedures by their nature may cause pain and discomfort. Techniques to minimize these are taught and used in class.

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| **ASI 1303 Animal Management- Online and Dual Credit** |
| **Module #1**  **Intro to Global Animal Science**  **Issues facing Animal Agriculture**  **Quality Assurance**  **Digestive Systems of Livestock** |
| **Module #2**  **Reproduction**  **Male Reproduction**  **More on Reproduction**  **Hormones**  **Embryo Transfer and Partuition** |
| **Module #3**  **Cow-Calf management**  **Cow Nutrition**  **Stocker Feeders**  **Feedlot Management** |
| **Module #4**  **Dairy Cattle Management**  **Lactation**  **Swine Management**  **Baby Pig Management** |
| **Module #5**  **Sheep and Goat Management**  **Breeds of Sheep (ewe breeds vs. ram Breeds)** |
| **Module #6**  **Polutry Management** |