

## Eastern Oregon University Course Syllabus

**Number of Course:**

AE 411

**Name of Course:**

Sustainable Animal Agriculture Management (UWR)

**Catalog Description:**

Animal agriculture is an important part of both U.S. and global food and agriculture systems. As a result of increased public interest in the practices and processes used in animal agriculture to produce food and fiber, modern and future animal agriculture systems must focus on a more holistic approach to animal management. As a result, animal management must define sustainability for their operations, and identify and incorporate 'best practices' in regards to economic, social and ecological stewardship of all resources. This course will focus on how 'sustainability' in animal agriculture is defined, and how new technology, practices and policies can impact the ability of animal agriculture to achieve 'sustainability'.

**Credit Hours:**

4

**Instructor:****Time and place of the course:**

TBD

**Required Texts or Suggested Materials:**

Link to the EOU Bookstore: [Eastern Oregon University Bookstore \(opens in new tab\)](#)

**Prerequisites:**

BA 225, BA 303, BA 321, ECON 201Z and STAT 243Z

**Learning Outcomes:****Upon completion of the course, students should be able to:**

1. Define 'sustainability' as it pertains to animal agriculture through the foci of economics, ecology, and social paradigms. [PLO 1, 2]
2. Define, discuss, and dissect 'best practices' utilized in animal agriculture through the foci of economics, ecology, and social paradigms. [PLO 1, 2, 3, 4]
3. Analyze current animal agriculture management practices and procedures to assess congruence with stated or proposed 'sustainability' policies. [PLO 1, 2, 3, 4]
4. Interact and communicate with peers and industry professionals of diverse subject backgrounds to develop comprehensive plans and incorporate solutions to address critical problem areas within existing systems to improve overall sustainability in the system (PLOs 2, 3, 4)

**Course Requirements:**

- Case studies (including site visits/field trips)
- Formal assessments of field sites

- Formal and informal project reports and presentations

**Grading Policies:**

Grading will be based on published rubrics at time of course offering. Individual student grades will be based on a combination of degree of metric completion and peer evaluation of contribution. Individual contribution will equal 75% of the student’s grade, while peer evaluation will contribute to 25% of the student’s grade (same for all interim and final projects/assignments). Late assignments will be allowed for ten (10) days after the due date, with a 10% reduction in overall grade per day late. Assessments and assignment sections will be weighted equally to each other within the overall course grade.

**The following rubric will apply for graded assignments/projects/presentations:**

Letter Grade	Percentage
A	93.5% or greater
A-	89.5 – 93.4%
B+	86.5 – 89.4%
B	83.5 – 86.4%
B-	79.5 – 83.4%
C+	76.5 – 79.4%
C	73.5 – 76.4%
C-	69.5 – 73.4%
D+	66.5 – 69.4%
D	59.5 – 66.4%
F	<59.5%

**Means of Assessment:**

- Case studies to illustrate and practice assessment methodologies (CLOs 1, 2, 3, 4)
- Formal assessments of field sites (CLOs 2, 3, 4)
- Formal and informal project reports (CLOs 2, 3, 4)
- Final project presentation (CLOs 1, 2, 3, 4)

**Brief Outline of Course:**

Week(s)	Topic(s)
1	Why is ‘sustainability’ an issue in animal agriculture?
2	Defining ‘sustainability’ in animal agriculture.
3 & 4	Defining & assessing economic sustainability relating to animal agriculture.
5 & 6	Defining & assessing ecological stewardship relating to animal agriculture

<b>Week(s)</b>	<b>Topic(s)</b>
7 & 8	Defining & assessing social awareness and practices relating to animal agriculture.
9 & 10	Evaluation and implementation of new technologies and practices that impact the sustainability of animal agriculture.

**General Education Category and Outcomes:**

N/A

**University Writing Requirement (UWR) Outcomes:**

- Students will produce at least 5,000 words (including drafts, in-class writing, informal papers, and polished papers); 2,000 words of this total should be in polished papers which students have revised after receiving feedback and criticism.
- Students will practice the forms of writing and reflect upon the nature of the writing used by graduates and professionals in the discipline the course represents.
- Students will write at least one paper integrating information from more than one source, employing the appropriate documentation style for the discipline represented by the course.
- Students will draft, revise, and edit their formal written work.
- Students will seek assistance from a Writing Tutor in the Writing Center when needed and when referred by the instructor.

Students must complete all UWR writing intensive courses with a C- or better, and UWR writing intensive courses must allocate at least 30% of the overall grade to formal writing assignments, with at least 25% of the overall grade based on evaluation of individually written papers that have been revised after feedback.

UWR writing intensive courses will address punctuation, grammar, and disciplinary documentation style, but they are primarily intended to be discipline courses which use writing tasks to help students learn the material and learn how to write effectively in the discipline.

**Writing Center Statement:**

The EOU Writing Center provides a place — physical or virtual — where every EOU student can find an interested, responsive reader. Writing tutorials are free of charge for EOU undergraduate and graduate students and are available for writing at any course level and for writing resumes, job letters, and graduate applications. For drop-in hours or to schedule in-person, synchronous online, or asynchronous online tutoring, please visit the EOU Writing Center: [Writing Center – Eastern Oregon University \(opens in new tab\)](#).

**Classroom Decorum:**

[Insert text here]

**Academic Misconduct Policy:**

Eastern Oregon University places a high value upon the integrity of its student scholars. Any student found responsible for an act of academic misconduct (including but not limited to cheating, unauthorized collaboration, fabrication, facilitation, plagiarism or tampering) may be subject to having his or her grade reduced in the course in question, being placed on probation or suspended from the University, or a combination of these.

**Accommodations/Students with Disabilities Policy:**

Any student who feels they may need accommodation for any type of disability must contact the Disability Services Office in Loso Hall, Room 233. Phone: 541-962-3081.

**Disclaimer:**

This standard syllabus provides only general information on the course. For those enrolled in the course a detailed syllabus will be provided by the Instructor at the beginning of the term. Please keep in mind that not all courses are offered every year.

**Syllabus Prepared By:**

Dr. Chad J. Mueller

**Date:**

March 28, 2023