

**Eastern Oregon University**  
**Course Syllabus**

**Number of Course:** AE 101L

**Name of Course:** Exploring Animal Agriculture Systems Lab

**Catalog Description:** This course explores the purpose and sustainability of livestock animals for food, fiber and fuel production in the U.S. and globally. Content will focus on the primary livestock sectors and their general management, economic and consumer assessment of product demand, quality and safety; and integration of by-products in agricultural and non-agricultural systems.

**Credit Hours:** 1

**Instructor:** Dr. Chad J. Mueller

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

**Required Texts or Suggested Materials:** None

**Prerequisites:** None; must be co-enrolled in AE 101

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

1. Describe and discuss the purpose of livestock animals for use in the production of food, fiber and fuel for human use. [PLO 2]
2. Identify and describe the primary animal agriculture sectors in the U.S. and globally, including unique management systems. [PLO 2]
3. Identify, describe, and explain (the importance of) the primary products derived from animal agriculture. [PLO 1, 2]
4. Demonstrate and discuss the basic principles of food safety and quality control systems associated with food animal production and products. [PLO 1, 2]
5. Discuss the benefits, limitations, and social issues associated with animal agriculture. [PLO 1, 2, 4]

**Course Requirements:** *Major assignments, attendance expectations*

Laboratory activities and product quality assessments  
Case studies (including site visits/field trips)  
Formal laboratory assessments

**Grading Policies:**

*Explain how each course requirement will be graded (append rubrics), what percentage on any one assignment equals what grade for that assignment, percentage of overall course grade derived from each requirement, policies on accepting late work, opportunities to resubmit, etc.*

Student grades will be based on formal assessment of laboratory materials and activities. Formal laboratory assessments will be included with interim lecture examinations. Laboratory

activities will be graded based on rubrics and scoring documents reflective of the specific activities and learning outcomes for the respective activity.

Assessment	Total Points	Percent of Total Grade
Laboratory activities	200	72.7%
Interim Examinations (in conjunction with lecture exams)	75	27.3%
	<b>275</b>	<b>100%</b>

The following rubric will apply for all graded activities/quizzes/examinations:

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

#### Means of Assessment:

Explain how assignments demonstrate learning outcomes of the program, connected explicitly to outcomes (for example, by number) Please indicate the Program Learning Outcome.

Bi-weekly laboratory activities (including case studies) [CLO 2, 3, 4]

Interim laboratory examinations [CLO 1, 2, 3, 4, 5]

#### Brief Outline of Course:

Describe the nature of the course (lecture and lab, workshop format, etc.), any specific course content not detailed in the catalog description, and brief schedule.

Laboratory Activities will include:

- Animal Products: Value VS Quality Attributes and evaluation
- Exploring Supporting Disciplines in Animal Agriculture
- Evaluating and assessing Quality and Value of Meat Products
- Evaluating and assessing Quality and Value of Dairy Products
- Evaluating and assessing Quality and Value of Poultry & Egg Products
- Evaluating and assessing Quality and Value of Animal-based textiles

#### General Education Category and Outcomes: Gateway

#### Classroom Decorum:

EOU's Classroom Decorum policy can be found at [www.eou.edu/policy](http://www.eou.edu/policy) under Chapter 10 Section 02.10.15

#### 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 he or she may need an accommodation for any type of disability, must contact the Disability Services Office in Loso Hall, Room 234. Phone: 541-962-3081.

**Syllabus Prepared By:** Dr. Chad J. Mueller

**Date:** April 24, 2024