Faculty are required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Collegewide Curriculum Committee.

DEPT. Lamb and Wool COURSE NO. LWMP1501

NUMBER OF CREDITS: 2

COURSE TITLE: Nutritional Requirements of Sheep

CATALOG DESCRIPTION: This course will emphasize nutrient requirements of sheep and nutritional management of all classes of sheep. The students will also study the digestive physiology of sheep.

AUDIENCE: Sheep Producers

FULFILLS MN TRANSFER CURRICULUM AREA(S) (*Leave blank if not applicable*)

PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE: None

LENGTH OF COURSE: Individual and classroom instruction scheduled throughout the semester.

THIS COURSE IS USUALLY OFFERED:
Every other year ☐ fall ☐ spring X summer ☐ undetermined X

Four goals are emphasized in course at Minnesota West Community & Technical College:

1) ACADEMIC CONTENT: The student will acquire an understanding of nutritional needs of sheep and what affects them.

2) THINKING SKILLS: The student will identify and evaluate nutrient value of feedstuffs available to use.

3) COMMUNICATIONS SKILLS: The student will demonstrate appropriate communication skills with management consultants.

4) HUMAN DIVERSITY: The student will gain awareness of their feelings toward people of different value systems.

TOPICS TO BE COVERED: Creep feeding lambs; nutrition requirements of ewes, rams and lambs; nutrient composition of common feedstuffs; feed tag information; factors affecting nutrient requirements; digestive physiology of sheep

LIST OF EXPECTED COURSE OUTCOMES:
1. Describe creep feeding methods for lambs.
2. Explain nutrient management of lambs.
3. Explain nutrient management of rams.
4. Explain nutrient management of ewes.
5. Recognize nutrient composition of common feedstuffs.
6. Explain what feed tags tell you.
7. Identify nutrients most important to optimum production.
8. Identify factors affecting nutrient requirements.
9. Identify the nutrient requirements for sheep.
10. Describe the digestive physiology of sheep.

LEARNING/TEACHING TECHNIQUES used in the course are:

- Collaborative Learning
- Problem Solving
- Student Presentations
- Interactive Lectures
- Creative Projects
- Individual Coaching
- Lecture
- Films/Videos/Slides
- Demonstrations
- Other (describe below)
- Lab

ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:

- Reading
- Tests
- Oral Presentations
- Individual Projects
- Textbook Problems
- Worksheets
- Collaborative Projects
- Group Problems
- Papers
- Other (describe below)
- Term Paper
- Portfolio
- Other (describe below)

EXPECTED STUDENT LEARNING OUTCOMES:

1. Explain nutrient requirements of sheep.
2. Identify nutrient composition of feedstuffs.
3. Explain nutritional management of sheep.
4. Identify factors affecting nutritional needs of sheep.

The information in this course outline is subject to revision.

To receive reasonable accommodations for a documented disability, please contact the campus Student Services Advisor or campus Disability Coordinator as arrangements must be made in advance. In addition, students are encouraged to notify their instructor.

Veteran Services: Minnesota West is dedicated to assisting veterans and eligible family members in achieving their educational goals efficiently. Active duty and reserve/guard military members should advise their instructor of all regularly scheduled military appointments and duties that conflict with scheduled course requirements. Instructors will make every effort to work with the student to identify adjusted timelines. If you are a veteran, please contact the Minnesota West Veterans Service Office.

This document is available in alternative formats to individuals with disabilities by contacting the Student Services Advisor or by calling 800-658-2330 or Minnesota Relay Service at 800-627-3529 or by using your preferred relay service.

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