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. LWMP1102

NUMBER OF CREDITS: 1

COURSE TITLE: Selection Methods

CATALOG DESCRIPTION: This course will study selection methods and concepts to improve flock productivity. Students will also become familiar with tools for genetic improvement and selection programs for economically important traits.

AUDIENCE: Sheep Producers

FULFILLS MN TRANSFER CURRICULUM AREA(S) (Leave blank if not applicable)
Area : by meeting the following competencies:
Area : by meeting the following competencies:
Area : by meeting the following competencies:

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 study measuring genetic value and selection on economically important traits.

2) THINKING SKILLS: The student will learn how to identify, evaluate, and select genetically superior sheep.

3) COMMUNICATIONS SKILLS: The student will demonstrate appropriate communication skills with seedstock producers and genetic consultants.

4) HUMAN DIVERSITY: The student will gain awareness of their feelings toward people of different cultures, value systems and socioeconomic status.
TOPICS TO BE COVERED: Selection programs; genetic improvement; factors affecting genetic selection and methods of selection.

LIST OF EXPECTED COURSE OUTCOMES:
1. Identify selection programs for commercial producers.
2. Describe selection programs.
3. Describe tools used for genetic selection.
5. Identify factors affecting genetic selection.

LEARNING/TEACHING TECHNIQUES used in the course are:
- Collaborative Learning
- Student Presentations
- Creative Projects
- Lecture
- Demonstrations
- Lab

ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:
- Reading
- Oral Presentations
- Textbook Problems
- Group Problems
- Other (describe below)

EXPECTED STUDENT LEARNING OUTCOMES:
1. Explain genetic selection methods.
2. Explain factors affecting selection.
3. Develop a selection plan.

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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