MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE
COURSE OUTLINE

Faculty members 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 Academic Affairs and Standards Council.

DEPT. LWMP   **COURSE NUMBER:** 2151

NUMBER OF CREDITS: 1   **Lecture:** 0 **Lab:** 0 **OJT** All Management

Course Title:
Special Topics – Genetics

Catalog Description:
Special topics – genetics will focus on refining flock genetics and selection programs for students who are actively involved in the sheep business. Exact subject matter will vary based on student need.

Prerequisites or Necessary Entry Skills/Knowledge:
None

FULFILLS MN TRANSFER CURRICULUM AREA(S)

Goal 1: Communication: _____ by meeting the following competencies:

Goal 2: Critical Thinking: _____ by meeting the following competencies:

Goal 3: Natural Sciences: _____ by meeting the following competencies:

Goal 4: Mathematics/Logical Reasoning: _____ by meeting the following competencies:

Goal 5: History and the Social and Behavioral Sciences: _____ by meeting the following competencies:

Goal 6: The Humanities and Fine Arts: _____ by meeting the following competencies:

Goal 7: Human Diversity: _____ by meeting the following competencies:

Goal 8: Global Perspective: _____ by meeting the following competencies:

Goal 9: Ethical and Civic Responsibility: _____ by meeting the following competencies:

Goal 10: People and the Environment: _____ by meeting the following competencies:

Topics to be Covered
• Evaluation, analysis and application of planning, implementing and monitoring genetic improvement and selection programs for sheep

Student Learning Outcomes
1. Analyze genetic management program based upon implications.
2. Evaluate specific flock selection program concerns.
3. Identify methods to address genetic concerns.
4. Identify methods to address selection concerns.
5. Compare cost versus effectiveness of various methods.
6. Evaluate specific flock genetics.
7. Identify appropriate selection program.
8. Implement revised plan.

Is this course part of a transfer pathway: Yes ☐   No ☒

Revised Date: 7/2020