

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: 2152

NUMBER OF CREDITS: 2 **Lecture:** 0 **Lab:** 0 **OJT** All Management

Course Title:
Special Topics - Genetics

Catalog Description:
Special topics – genetics enables study and application of planning, implementing, and monitoring genetic improvement and selection programs for sheep. Exact subject matter will vary depending 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
<ul style="list-style-type: none">Evaluating, refining flock genetics, and selection programs.

Student Learning Outcomes
1. Analyze genetic management program 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 genetic program concerns.
7. Identify appropriate selection program.
8. Implement revised plan.
9. Analyze selection management program implications.
10. Analyze genetic management program solutions.
11. Analyze selection management program solutions.
12. Develop revised genetic program based upon implications.
13. Develop revised selection program based upon implications.
14. Develop revised genetic program based upon solutions.
15. Develop revised selection program based upon solutions.
16. Identify appropriate genetic program.

Is this course part of a transfer pathway: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

Revised Date: 7/2020