

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: 1102

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

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| Course Title: |
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| Selection Methods |
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| Catalog Description: |
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| Selection methods 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. |
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| Prerequisites or Necessary Entry Skills/Knowledge: |
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| None |
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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 |
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| • Selection programs |
| • Genetic improvement |
| • Factors affecting genetic selection and methods of selection. |

| Student Learning Outcomes |
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| 1. Identify selection programs for commercial producers. |
| 2. Describe selection programs. |
| 3. Describe tools used for genetic selection. |
| 4. Describe methods of selection. |
| 5. Identify factors affecting genetic selection. |

| Is this course part of a transfer pathway: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
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Revised Date: 8/2020