

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: 1502

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

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| Course Title: |
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| Ration Formulation |
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| Catalog Description: |
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| Ration formulation will make students aware of the methods used to balance rations to meet sheep nutrient needs for each specific stage of production. |
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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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| • Feed nutrient test results |
| • Least cost ration balancing |
| • Ration formulation |
| • Ration balancing nutrient priorities |

| Student Learning Outcomes |
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| 1. Explain value of using actual nutrient test results. |
| 2. Describe least cost ration balancing. |
| 3. Describe ration formulation methods. |
| 4. Explain ration balancing nutrient priorities. |

| 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