

# 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. FBMT COURSE NUMBER:** 2229

**NUMBER OF CREDITS:** 2 All Management Credits

**Lecture:** 0 **Lab:** 0 **OJT** 0

<b>Course Title:</b>
Special Topics – Crops

<b>Catalog Description:</b>
This course focuses on the analysis of special topics in crop management for students actively engaged in the operation and management of a farm business. Student and instructor will choose from said topics to best serve the student needs. 1. Corn 2. Soybeans 3. Alfalfa 4. Mixed grass 5. Small grains 6. Specialty crops (sunflower, berries, seeds, trees, etc.) 7. Pasture 8. Corn silage 9. Cover crops 10. Vegetable crops

<b>Prerequisites or Necessary Entry Skills/Knowledge:</b>
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:

<b>Student and Instructor choose from these topics to best fit student needs</b>
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|---|
| 1. Corn   |
| 2. Soybeans   |
| 3. Alfalfa  |
| 4. Mixed grass  |
| 5. Small grains   |
| 6. Specialty crops (sunflower, berries, seeds, trees, etc.) |
| 7. Pasture  |
| 8. Corn silage  |
| 9. Cover crops  |
| 10. Vegetable crops   |

<b>Student Learning Outcomes</b>
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|---|
| 1. Determine farm actual production history (APH) |
| 2. Develop a nutrient and/or pest management plan |
| 3. Develop enterprise budget                      |
| 4. Evaluate profitability                         |
| 5. Formulated detailed production records         |
| 6. Identify budget inputs                         |

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

Revised Date: June, 2020