MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE
COURSE OUTLINE

Faculty 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 Collegewide Curriculum Committee.

DEPT. Farm Business Management COURSE NO. FBMA 2132
NUMBER OF CREDITS: 2
COURSE TITLE: Directed Studies in Modern Agricultural Technology
CATALOG DESCRIPTION: This course will deal with experiencing modern agricultural technological
changes and determining if they fit into an individual's farming operation.

AUDIENCE: Farm business operators or managers or others with consent of instructor.

FULFILLS MN TRANSFER CURRICULUM AREA(S): (Leave blank if not applicable)
Area : by meeting the following competencies:
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PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE: None

LENGTH OF COURSE: 1 Semester

THIS COURSE IS USUALLY OFFERED:
Every other year fall spring summer undetermined

Four goals are emphasized in course at Minnesota West Community & Technical College:

1) ACADEMIC CONTENT:

2) THINKING SKILLS:
   a. Lay out an application plan for integrating ag technology into the farming operational goals
   b. Determine the advantage & disadvantage of the application of ag technology into the business
   c. Investigate the feasibility of the application of technology into the business
   d. Examine emerging agricultural technology
   e. Apply tools & techniques developed in diploma & certificate programs

3) COMMUNICATIONS SKILLS:
   a. Promote administrative skills

4) HUMAN DIVERSITY:
   a. Improve written and oral presentation skills
   b. Develop team and/or project management skills

TOPICS TO BE COVERED: Integrating ag technology into the farming operational goals; advantages and
disadvantages of the application of ag technology; investigating feasibility of the application of technology;
emerging agricultural technology; administrative skills; written and oral presentation skills; and tools and
techniques developed in diploma and certificate programs.
LIST OF EXPECTED COURSE OUTCOMES: This course will focus on current agricultural technological change, exposing students to these changes, determining benefits or liabilities of this technology, determining the cost feasibility of any changes, and having them determine if these changes fit into their personal farming operations.

LEARNING/TEACHING TECHNIQUES used in the course are:

☐ Collaborative Learning ☐ Problem Solving
☐ Student Presentations ☐ Interactive Lectures
☐ Creative Projects ☐ Individual Coaching
☐ Lecture ☐ Films/Videos/Slides
☐ Demonstrations ☒ Other (describe below)
☐ Lab ☐ This course will be delivered through individual instructional sessions, small group seminars, classroom instruction, or any combination of these.

ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:

☐ Reading ☐ Tests ☐ Individual Projects
☐ Oral Presentations ☐ Worksheets ☐ Collaborative Projects
☐ Textbook Problems ☐ Papers ☐ Portfolio
☐ Group Problems ☐ Term Paper
☒ Other (describe below) TEXT: Current and relevant materials as needed.

Each student will contribute a total of 54 hours of effort per credit toward the completion of this course. Instructor will use Farm Business Management Student Assessment Form.

EXPECTED STUDENT LEARNING OUTCOMES: Students will be evaluated on their ability to:

1) Identify technological concepts which might be of value within their farm business
2) Evaluate and compare technological concepts which might be of value within their farm business
3) Develop and adapt technological concepts within their farm business

The information in this course outline is subject to revision

Veteran Services: Minnesota West is dedicated to assisting veterans and eligible family members in achieving their educational goals efficiently. Active duty and reserve/guard military members should advise their instructor of all regularly scheduled military appointments and duties that conflict with scheduled course requirements. Instructors will make every effort to work with the student to identify adjusted timelines. If you are a veteran, please contact the Minnesota West Veterans Service Office.

To receive reasonable accommodations for a documented disability, please contact the campus Student Services Advisor or campus Disability Coordinator as arrangements must be made in advance. In addition, students are encouraged to notify their instructor.

This document is available in alternative formats to individuals with disabilities by contacting the Student Services Advisor or by calling 800-658-2330 or Minnesota Relay Service at 800-627-3529 or by using your preferred relay service.

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