



MASTER COURSE OUTLINE

A. FBMT 2220 Special Topics – Crops

B. COURSE DESCRIPTION:

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

(1 Cr – 1 lect, 0 lab)

C. **Core Theme: Critical Thinking

D. RIVERLAND INSTITUTIONAL LEARNING OUTCOMES:

This course addresses the following Riverland Institutional Learning Outcome(s):

- ☒ ILO 1: critical thinking (*Core Theme Goal 2*)
- ☐ ILO 2: awareness of the larger global community (*Core Theme Goal 7 or 8*)
- ☐ ILO 3: ethical, engaged citizenship (*Core Theme Goal 9 or Goal 10*)
- ☐ ILO 4: communication and collaboration (*Discipline Goal 1 and by any learning outcome(s) involving communication or collaboration*)

E. MAJOR CONTENT AREAS:

- Production and financial business records
- Business analyses
- Business analyses to improve business organization and efficiency
- Strategic decision-making skills
- Personal and business goals and plans
- Business resources and technologies
- Risk management
- Farm business financial and enterprise analysis

F. GOAL TYPE, OBJECTIVES, AND OUTCOMES:

<u>GOAL TYPE</u>	<u>OBJECTIVES</u> Students will be able to	<u>OUTCOMES</u> The student will successfully
<u>**Critical Thinking</u>	select critical factors relative to row crop productivity and profit.	1. identify budget inputs.
<u>CS</u>	create historical records proving yields of row crops over time.	2. determine farm actual production history (APH).
<u>MA</u>	formulate a consistent method of determining profitability of row crops.	3. develop an enterprise budget.
<u>MA</u>	standardize and customize farm production records to reveal overall productivity and profitability.	4. formulate detailed production records.
<u>MA</u>	analyze and prioritize economic returns to row crops.	5. evaluate profitability.
<u>CT</u>	develop strategies to properly utilize nutrients and/or minimize pest impact.	6. develop a nutrient and/or pest management plan.

G. SPECIAL INFORMATION:

This course may require use of the Internet, the submission of electronically prepared documents and the use of a course management software program. Students who have a disability and need accommodations should contact Accessibility Services at the beginning of the semester. This information will be made available in alternative format, such as Braille, large print, or current media, upon request.

H. COURSE CODING INFORMATION:

Course Code U/Customer Driven; Letter Grade

Revision date: 07/26/23

AASC Approval date: 09/19/23

*Riverland Community College Disciplines	MnTC Goal Number
Communication (CM)	1
Natural Sciences (NS)	3
Mathematics/Logical Reasoning (MA)	4
History and the Social & Behavioral Sciences (SS)	5
Humanities and Fine Arts (HU)	6

**Riverland Community College Core Themes	MnTC Goal Number
Critical Thinking (CT)	2
Human Diversity (HD)	7
Global Perspective (GP)	8
Ethical and Civic Responsibility (EC)	9
People and the Environment (PE)	10

*These five MnTC Goals have been identified as Riverland Community College Disciplines.

**These five MnTC Goals have been identified as Riverland Community College Core Themes.

NOTE: The Minnesota Transfer Curriculum “10 Goal Areas of Emphasis” are reflected in the five required discipline areas and five core themes noted in the Riverland Community College program of study guide and/or college catalog.

Riverland