**Special Topics - Crops**

**Course Outcome Summary**

**Course Information:**

**Organization:** Minnesota State
**Developers:** FBM Curriculum Review Team
**Course Number:** FBMT 2225 – FBMT 2229
**Type of Instruction:** Individualized
**Total Credits:** 2.0
**Total Hours of Instruction:** 8.0

**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

**Course Outcomes:**

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

**Course Outline:**

1. Determine a crop management specific focus for the course based on your farm business
	1. Select crop enterprise(s) to be evaluated
	2. Identify enterprise factors for consideration
	3. Examine tools needed to assist with analysis
2. Investigate information related to the crop management special focus
	1. Research publications and other sources of pertinent data
	2. Compare data for options related to focus area
3. Implement the plan
4. Evaluate the plan
	1. Monitor actions
	2. Record findings
	3. Consider modifications to the plan as needed, based on findings