**Special Topics - Crops**

**Course Outcome Summary**

**Course Information:**

**Organization:** Minnesota State
**Developers:** FBM Curriculum Review Team
**Course Number:** FBMT 2220
**Type of Instruction:** Individualized
**Total Credits:** 1.0
**Total Hours of Instruction:** 4.0

**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. 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. Develop a crop management implementation plan
	1. Identify key factors to include in plan
	2. Incorporate findings into plan
	3. Finalize the plan
4. Develop enterprise budget

**Course Outline:**

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