

# Minnesota State College Southeast

## AGRI 2599: Agriculture Practicum

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 0

Lab Hours/Week: 0

OJT Hours/Week: 3

Prerequisites:

This course requires all five of these prerequisites

AGRI 1100 - Farm Safety

AGRI 1202 - Animal Science

AGRI 2200 - Crop Science

BIOL 1240 - Introduction to Agroecology

BIOL 2240 - Soil Science

Corequisites: None

MnTC Goals: None

For this course, students will be assigned to a farm or other agricultural/food production setting for a total of 150 hours. The student must complete the hours in not less than four weeks and not more than 16 weeks as determined by the faculty mentor. Students will apply practical skills including such activities as design and planning, equipment operations, harvesting, animal husbandry, budgeting, and farm management, as applicable to the site. It is expected that students will be involved in all aspects of operation including physical labor and machine operations. Students will complete the course under the direct guidance of the faculty mentor in consultation with the supervising farmer mentor. At the end of the course, students will give a presentation describing their experience and outlining new skills and knowledge obtained. (Prerequisite: AGRI1100, BIOL1240, BIOL 1241, AGRI 1201, and AGRI2200) (3 Credits: 0 lecture/0 lab/3 OJT)

**B. COURSE EFFECTIVE DATES:** 09/20/2018 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Application of regenerative and sustainable agriculture practices
2. Safe and effective operation of farm equipment
3. Planning, budgeting, and management
4. Critical thinking and problem solving in the agricultural setting

### D. LEARNING OUTCOMES (General)

1. 16. Apply regenerative and sustainable agriculture theory to the practical setting
2. 17. Demonstrate safety in all farm activities and equipment operations
3. Perform duties related to the day-to-day farm operations
4. Explain the business and marketing plans associated with the site
5. Evaluate inherent risks associated with the site and clearly explain how the risks will be mitigated
6. Critique the farm or operation as it relates to the ¿Triple Bottom Line¿ of economic stability, social equity, and environmental stewardship
7. Create a customized farm safety plan

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

**F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted