**FBMT 2310 Environmental Interactions in Agriculture**

**Common Course Outline**

**Course Information**

**Description**

This course will examine a variety of environmental issues related to agriculture and suggested ways in which to address the issues.

**Total Credits** 2.00

**Total Hours** 8.00

**Types of Instruction**

**Instruction Type Credits**

Individualized

**Course Outcomes**

**1 Develop a combined conservation plan.**

**Learning Objectives**

Student will develop a combined conservation plan for their business.

**2 Plan for approved practices in air, water and soil quality improvement.**

**Learning Objectives**

Student will review and update their conservation plan to meet approved environmental practices.

**3 Evaluate conservation tillage techniques.**

**Learning Objectives**

Student will compare and contrast 3 different conservation tillage methods.

**4 Identify environmental issues related to livestock confinement.**

**Learning Objectives**

Student will list the current environmental issues that would affect livestock production operations.

**5 Analyze data for impact of fertilizers, animal waste and pesticides on water.**

**Learning Objectives**

Student will analyze data for impact of fertilizers, animal waste and pesticides on water quality.

**6 Identify environmental issues related to air, water and soil quality.**

**Learning Objectives**

1. Student will list the current issues of air, water and soil quality as it affects their operation.

This one is done.