

**I. COURSE INFORMATION**

- A. Agriculture 223 Agricultural Entomology
- B. 3 credit hours
- C. White and Salisbury. *Insects in Kansas*. 3<sup>rd</sup> ed. Kansas Department of Agriculture, 2000
- D. Prerequisites: None

**II. COURSE DESCRIPTION**

This course introduces the study of insects and closely related arthropods and their impact upon agriculture. The study includes: classification, behavior, and the relationship and importance of insects to plants and animals.

**III. LEARNING OUTCOMES**

- A. Describe insect classification, biology, and behavior
- B. Discuss current control practices for injurious species and utilization of beneficial species
- C. Identify plant and animal damage done by insects
- D. Discuss the importance of economics in relationship to plant and animal insect control
- E. Collect, preserve and identify common insects
- F. Identify the different body parts of major insects

**IV. MAJOR CONTENT AREAS**

- A. Introduction to entomology
- B. Characteristics of insects
- C. Collecting, pinning and preserving insects
- D. Identifying insects
- E. Identification key to the order of insects

**V. ASSIGNMENTS (may include but are not limited to)**

- A. Unit worksheets
- B. Unit exams
- C. Insect collection
- D. Comprehensive final exam

**VI. EVALUATION METHODS (may include but are not limited to)**

- A. Attendance and participation
- B. Assignments
- C. Insect collection
- D. Quizzes and exams