**Advanced Pest Identification and Control**

**Course Outcome Summary**

**Course Information:**

**Organization:** Minnesota State  
**Developers:** FBM Curriculum Review Team  
**Course Number:** SCMT 2136  
**Type of Instruction:** Individualized  
**Total Credits:** 2.0  
**Total Hours of Instruction:** 2.0

**Description:**

This course covers alternative methods of weed, insect and disease control. Students will learn both cultural practices and chemical methods to control specific pests. Special emphasis will be placed on understanding the life cycles of insects, fungi and weeds that reduce crop yields.

**Course Outcomes:**

1. Identify the importance of keeping accurate application records
2. Demonstrate an adequate understanding of pesticide label and use precautions
3. Describe criteria for selecting effective pesticide application equipment
4. Formulate pest control strategies using information from the life cycle of major pests
5. Evaluate economic thresholds for applying insecticides and fungicides
6. Describe why spraying at specific crop or pest stages will give maximum control