

Course Objectives/Course Outline
Spokane Community College

Course Title: Pest Management Project

Prefix and Course Number: AGHRT 232

Course Learning Outcomes:

By the end of this course, a student should be able to:

- Determine how to control particular pests using current resources
- Explain how to manage pests using a variety of tactics
- Choose the best tactic to control pests in specific situations
- Create a preventative and maintenance plan for managing pests
- Be able to justify their management tactics based on a number of criteria

Course Outline

- I Integrated Pest Management
 - A. Identify and Understand the Enemy
 - B. Pest Management Strategies
 - 1. Prevention
 - 2. Cultural Control
 - 3. Mechanical Control
 - 4. Biological Control
 - 5. Chemical Control
 - C. Integrating the Strategies to Create a Management Plan
- II Pesticide Activity and Selectivity
 - A. Pesticide Activity
 - B. Pesticide Timing
 - C. Pesticide Application
- III Plant Health Care
 - A. Mapping the Landscape
 - B. Identify the Plants
 - C. Determine the Care Needs of the Plants
 - D. Research Potential Pests
 - E. Select Key Plants and Key Pests
 - F. Create a Pest Management Plan
 - G. Monitor for Pests
 - H. Implement Controls