

**Pesticide Safety**  
**AG 36, (#62233), 01Credits**  
**Monday 3:30pm to 6:30pm**

**INDTRUCTOR:** Daryl Cazinha  
**OFFICE:** Waianae  
**OFFICE HOURS:** Mon., 6:35 to 7pm  
**TELEPHONE:** 235-8903wk or 306-8321cell  
**EFFECTIVE DATE:** Fall 2008

**WINDWARD COMMUNITY COLLEGE MISSION STATEMENT**

Windward Community College is committed to excellence in the liberal arts and career development; we support and challenge individuals to develop skills, fulfill their potential, enrich their lives, and become contributing, culturally aware members of our community.

**CATALOG DESCRIPTION**

Fundamentals of pesticide application, formulation, toxicity, transportation, storage, safety equipment, disposal, and rules and regulations governing pesticide use.  
(Mon. 2hrs. lect. and 1hrs. lab.)

Activities Required at Scheduled Times Other Than Class Times

Two conferences are required: one initial conference early in the semester. One mid-semester conference is optional to review progress of class projects.

**STUDENT LEARNING OUTCOMES ARE:**

1. Select proper pesticide application equipment.
2. Identify pesticides according to what they control.
3. State the rules and regulation governing the use of pesticides.

**COURSE CONTENT**

Concepts or Topics

- General laws and regulation
- Proper pesticide application
- Pesticide are a highly regulated chemicals
- Pesticides and Environmental Considerations
- The role of Integrated Pest Management program

Skills or Competencies (List what students should be able to do in order to complete the student learning outcomes)

1. Know Pesticide Laws, Liability, and Record Keeping

2. Recognizing that pesticide are an essential tool in helping to control most pest
  - Actual level of Risk and how they ranked
  - Safety Checklist
  - Pesticide Labels
3. Recognizing the Concepts and Principle of IPM
4. Recognizing the six major areas in our environment, that require protection

### **COURSE TASK**

1. Show general understanding of Pesticide Laws and Regulations
2. Properly select the right Pesticides, for safe and effective use.
3. Urgency for protecting the Environment and Preventing Pesticides Pollution.
4. Properly use, handle and apply Pesticides.
5. Demonstrate the ability in upstanding Pesticides Technology.

### **ASSESSMENT TASKS AND GRADING**

1. Completed all quizzes with at least 60% proficiency.
2. Meet with instructor for initial conference, with one other semester optional.
3. Complete all course assignments.
4. Grade will be assigned with the successful completion If all course objectives.

Method of evaluation:

- Final Exam – 60%
- Quizzes – 20%
- Participation – 20%

5. Grade available:
  - A = 90% or greater
  - B = 80% to 89%
  - C = 70 % to 79%
  - D = 60% to 69%
  - F = less than 60%

### **LEARNING RESOURCES**

1. Cooperative Extension Service, University of Hawaii at Manoa
2. Naeem Eesa and L.K. Cutkomp, Pesticide Toxicology and Related Terms, University of Minnesota
3. Center for Urban and Industrial Pest Management, Turfgrass Pest Management, Purdue University
4. Gail L. Schumann, Patricia J. Vittum, Monica L. Elliott, and Patricia P. Cobb; IPM Hand Book for Golf Course
5. Bert L. Bohmont; The Standard Pesticide User's Guide

### **Additional Information**

1. Attendance: class sessions are designed to give you the opportunity to practice and review skills. Therefore, attendance will be taken at the beginning of each session. A total of 3 or more absences before the official withdrawal date, excused and unexcused, will result in an N for the course.
2. Be on Time. If you are more than one half hour tardy, you will lose 2 points from your Final grade for each tardy.
3. Students unable to be present on the day of the exam are required to notify the instructor at least one day prior to the exam day. It is the responsibility of the student to make up any exams and quizzes.
6. Students absent from class will be held responsible for the material covered in class and any announcements made in class.
7. Students that bring into class a pager or a cellular phone, please set it on silent or off. Please use your cell phone during the break.
8. Students will have three 10 minute breaks.
9. STUDENTS NEED TO PASS COURSE WITH A "C" OR HIGHER