AG 36  Pesticide Safety
1 Credit
Wednesday 5:30-6:20

INSTRUCTOR: Jensen Uyeda
OFFICE: TBA
OFFICE HOURS: Wednesday 6:30-7:30
TELEPHONE: (808)622-4185
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WINDWARD COMMUNITY COLLEGE MISSION STATEMENT

Windward Community College offers innovative programs in the arts and sciences and opportunities to gain knowledge and understanding of Hawai‘i and its unique heritage. With a special commitment to support the access and educational needs of Native Hawaiians, we provide O‘ahu’s Ko‘olau region and beyond with liberal arts, career and lifelong learning in a supportive and challenging environment — inspiring students to excellence.

CATALOG DESCRIPTION

Pesticide application, formulation, toxicity, transportation, storage, safety equipment, disposal, and rules and regulations governing its use.

Activities Required at Scheduled Times Other Than Class Times

STUDENT LEARNING OUTCOMES

The student learning outcomes for the course are:

1. Identify pesticides according to what they control.
2. Identify and list the advantages and disadvantages of the different pesticide formulations.
3. State the general rules and regulations governing the use of pesticides.
4. Classify pesticides according to their toxicity ratings using their LD50 or LC 50.
5. Describe recommended methods in transporting and storing pesticides.
6. List the necessary articles of safety equipment used by pesticide applicators.
7. Describe the advantages and disadvantages of using different pesticide application equipment.
8. List the steps involved in the cleaning of application equipment and the disposal of any pesticide.
9. Select proper pesticide application equipment

COURSE CONTENT
Concepts or Topics:
- Pesticide Laws and regulations
- The pesticide label – spill and fires
- Methods of application
- Selection and care of application equipment
- Protective clothing and equipment
- Drift and drift control
- Vaporization, leaching, run-off, residues
- Pesticide transport, storage, and disposal
- Hazards to applicators
- Safe handling: mixing, loading
- First aid
- Additional topics at option of instructor

Skills or Competencies:
1. Identify pesticides according to what they control.
2. Identify and list the advantages and disadvantages of the different pesticide formulations.
3. State the general rules and regulations governing the use of pesticides.
4. Classify pesticides according to their toxicity ratings using their LD50 or LC 50.
5. Describe recommended methods in transporting and storing pesticides.
6. List necessary article of safety equipment used by pesticide applicators.
7. Describe the advantages and disadvantages of using different pesticide application equipment.
8. List the steps involved in the cleaning of application equipment and the disposal of any pesticides.
9. Select proper pesticide application equipment.

COURSE TASKS

Student must read all handout material and complete a final examination.

ASSESSMENT TASKS AND GRADING

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<th>Grade</th>
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<tr>
<td>A</td>
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<td>B</td>
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LEARNING RESOURCES

Handouts provided by instructor.

Additional Information

DISABILITIES ACCOMMODATION STATEMENT

*If you have a physical, sensory, health, cognitive, or mental health disability that could limit your ability to fully participate in this class, you are encouraged to contact the Disability Specialist Counselor to discuss reasonable accommodations that will help you succeed in this class. Ann Lemke can be reached at 235-7448, lemke@hawaii.edu, or you may stop by Hale ‘Akoakoa 213 for more information.*

Revised May 25, 2011