<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>Pesticide Safety</th>
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<tbody>
<tr>
<td>COURSE NUMBER</td>
<td>AG 36</td>
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<tr>
<td>CREDIT HOURS</td>
<td>1</td>
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<tr>
<td>CATALOG DESCRIPTION</td>
<td>Pesticide application, formulation, toxicity, transportation, storage, disposal, and rules and regulations governing their use.</td>
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<td>REQUIREMENTS COURSE SATISFIES WCC</td>
<td>Required for the certificate of completion in Plant Landscaping, turf management options</td>
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<td></td>
<td>State of Hawaii</td>
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<td>State of Hawaii</td>
<td>Recertification credits for the Dept. of Ag. (17)</td>
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<tr>
<td>RECOMMENDED ATTIRE</td>
<td>Closed toe shoes and work clothes</td>
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<tr>
<td>INSTRUCTOR</td>
<td>DAVE RINGUETTE</td>
</tr>
<tr>
<td>OFFICE</td>
<td>ULUWEHI</td>
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<tr>
<td>TELEPHONE</td>
<td>236-9265</td>
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<td><a href="mailto:ringuett@hawaii.edu">ringuett@hawaii.edu</a></td>
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AG 36: Pesticide Safety

A. Course Description
Pesticide application, formulations, toxicity, transportation, storage, safety equipment, disposal, and rules and regulations governing its use.

B. Topics to be covered.
1. Pesticide laws and regulations.
2. The pesticide label - spills and fires.
3. Methods of application.
4. Selection and care of application equipment.
5. Protective clothing and equipment.
6. Drift and drift control.
7. Vaporization, leaching, run-off, residues.
8. Pesticide use problems.
9. Hazards to applicators.
10. Pesticide transport, storage, and disposal.
11. Safe handling: mixing, loading.
12. First Aid.
13. Additional topics at option of instructor.

C. Upon completion of this course, student should be able to:
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 LC50.
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.

D. Prerequisites:
None
METHOD OF EVALUATION

Examinations 90%
Participation 10%

GRADES

A = 90% or greater
B = 80-89%
C = 70-79%
D = 60-69%
F = less than 60%

STUDENT RESPONSIBILITY

1. 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 or classes missed.

2. Students absent from class will be held responsible for the material covered in class and any announcements made in class.