Ag 132  Integrated Pest Management
3 Credits
Wednesday 1:00 pm – 4:00 pm

INSTRUCTOR: Jane Tavares
OFFICE:
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EFFECTIVE DATE: January 9  Spring 2013

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

Strategies of integrated pest management: biological and cultural pest controls, weed control, disease control, insect control

Activities Required at Scheduled Times Other Than Class Times

None

STUDENT LEARNING OUTCOMES

The student learning outcomes for the course are:

1. Identify major insects, weeds, diseases that are detrimental to the horticulture industry in Hawaii
2. Define Integrated Pest Management and develop an IPM plan
3. Understand and use economic thresholds
4. Identify common predators and parasites
5. Identify management strategies to reduce pest pressures on plants
COURSE CONTENT

**Concepts or Topics** *(Terms, topics, or concepts students should know or understand)*

- Integrated Pest Management
- Economic Thresholds
- Biological Controls
- Cultural Controls
- Physical and Behavior Controls

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

1. Identify major insects, weeds, diseases
2. Develop IPM plan
3. Identify predators and parasites

COURSE TASKS

- Attend lectures
- Read assigned material
- Participate in class
- Develop an IPM plan

ASSESSMENT TASKS AND GRADING

- Exams (two) 40%
- IPM Plan 30%
- Quizzes 10%
- Participation 20%

LEARNING RESOURCES


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