BOT 101 General Botany and Lab
4 credits
Tuesday & Thursday, 1:30 a.m. – 4 p.m.

INSTRUCTOR: Erin Yafuso
EMAIL: eyafuso@hawaii.edu I check email often, so if you have a quick question, this is a good way to get in touch with me.
OFFICE: Hale Imiloa 119 rm
OFFICE HOURS: Tuesday 12:15 – 1:15 pm or by appointment
TELEPHONE:
EFFECTIVE DATE: Spring 2010

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

Introduction to plant structure, function, reproduction, and evolution; plants in relation to the environment and human activities. Lecture/laboratory/field trip course.
Recommended Preparation: High school biology.

Activities required at scheduled times other than class times

Possible field trip during class time.

STUDENT LEARNING OUTCOMES

The student learning outcomes for the course are:

1. Discuss basic concepts and perform lab experiments in plant morphology, anatomy, physiology, cytology, taxonomy and genetics

2. Discuss life cycles of division in Thallophyta, Bryophyta, Pteridophyta and Spermatophyta

3. Discuss interrelationship between plants and animals, and socio-economic importance of plants on humans

4. Discuss plant tissue culture & biotechnology

5. Operate dissecting and compound microscopes

6. Perform traditional propagations
### COURSE TASKS AND GRADING

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**Total possible points:** 500

Extra credit will be offered, but may not exceed 5% of the total available points.

Grading is based on the percentage of total points earned, not on a class curve.

Final Grades will be assigned as follows:

- 90% and above: A
- 80-89%: B
- 70-79%: C
- 60-69%: D
- 59% and below: F

**Quizzes & Homework:**

You are expected to have read the assigned chapters before you come to class. There will be pop quizzes and homework assignments that will complement the text and address special topics. Assignments will be posted on Laulima, and worth 50 points.

**Tests:**

Two lecture exams will be worth 100 points each. Also, the lab portion will be worth 25 points each. The final exam will be cumulative and consist of 125 points. Lecture and lab exams make-ups permitted only when there is a legitimate excuse (such as illness or emergency; doctor’s note required). No make-up will be offered on the lab assignments.

**Lab Exercises:**

Keeping precise records is an important part of botanical work. Keep track of lab assignments, drawings and summaries about each lab exercise, this will be checked and graded during each lab exam worth a total of 50 pts. The garden plot portion of lab work will be worth 25 pts. A total of 75 points for lab exercises.
Class Discussion / Participation:

Asking questions, participating in class and showing interest for the course will aid greatly in your learning and understanding of the course material.

**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](mailto:lemke@hawaii.edu), or you may stop by Hale ‘Akoakoa 213 for more information._