

COURSE OUTLINE AND SYLLABUS

The word ethnobotany is derived from the words ethnology, the study of primitive (native or aboriginal) people and botany, the study of plants. It is anthropologically based, seeking its roots in the cultural, social and ethical forms of a particular people. The development of man- his origins, evolution, distribution, etc, are all a part of his particular background. His customs, traditions, morals and the way he views himself and his cosmos (as well as the way he is viewed by others of different and diverse backgrounds) are all a part of his identity and affect the way he deals with his environment. Many times his medicine, religion, and everyday life may revolve around one aspect of his surroundings, i.e., the taro and the breadfruit. Primitive ways are not necessarily inferior. Modern man is often times filled with wonder at the many different uses "primitive" man's ethnobotany has produced. Dwellings, boats, artifacts, sports, music, and worship all are part of this new and fascinating science.

This course will provide the non-major student with an introduction to the common native and introduced flora of Hawaii, pre- and post- Polynesian migration. Plant taxonomy and identification keys will be used to classify the flora of Hawaii. Evolutionary and ecological trends and a survey of island plant communities in Hawaii will be examined. The use of cultivated and wild plants will be surveyed. Several field trips to observe, collect and analyze different plant types and habitats will be required.

OBJECTIVES: At the end of this course the student will be:

- 1) able to identify ethnobotanically important plants and families.
- 2) able to distinguish between exotic, indigenous, and endemic organisms.
- 3) able to give examples of how cultural differences led to current stereotypes and identities.
- 4) able to analyze the evolutionary conditions that gave rise to the unique flora of Hawaii.
- 5) able to know the uses of ethnobotanically important plants and families.
- 6) able to identify different ecological habitats and plants associated with them.
- 7) able to explain the multicultural impact certain plants had on the culture and history of post-Western contact Hawaii.

- 8) able to explain how an agricultural system in pre-contact Hawai'i worked.
- 9) able to research and write about a simple experiment.
- 10) able to demonstrate an understanding of how to apply the scientific method.

GRADING:

The point spread for lecture is as follows:

POINTS:

First Lecture Exam	100 Points
Second Lecture Exam	100 Points
Attendance	25 Points
Final Lecture Exam	150 Points
[Quizzes	<u>100 Points</u>
Total	375 Points

(Exam 1 or Exam 2 or all the quizzes will be dropped, whichever is lower.)

The point spread for laboratory is as follows:

POINTS:

First Lab Exam	100 Points
Second Lab Exam	100 Points
Quizzes	75 Points
Paper	<u>25 Points</u>
Total	300 Points

GRADING SCALE:

The grading scale for lecture and laboratory is as follows:

90%	A
80%	B
70%	C
60%	D
59%	F

COURSE OUTLINE

WEEK	DATE	TOPICS	ASSIGNMENTS
1	8/29/00	PRE-COURSE ASSESSMENT SURVEY/Introduction/Mechanics/ Geology	Handouts
	9/1/00	LAB - INTRODUCTION/MECHANICS	Handouts
	8/31/00	Geology	Handouts
	9/1/00	SPIRITUAL CONVOCATION, ALL 11:00 CLASSES CANCELLED	
2	9/4/00	LABOR DAY - HOLIDAY	
	9/5/00	Geology LAST DAY TO ADD/DROP	Handouts
	9/6/00	LAB - FLOWERS/LEAVES/ DICHOTOMOUS KEY	Handouts
	9/7/00	Geology/Climate	Handouts
3	9/12/00	Climate	Handouts
	9/13/00	LAB - KALOKO COVE	Handouts
	9/14/00	Evolution	Handouts
4	9/19/00	LAST DAY TO SUBMIT PETITION FOR MAY 1009 GRADUATION	

	9/20/00	LAB - GREENHOUSE PROJECTS	Handouts
	9/21/00	Ecology	Handouts
5	9/26/00	Ecology	Handouts.
	9/27/00	LAB - FOSTER GARDENS	Handouts
	9/28/00	FIRST LECTURE EXAM	
6	10/3/00	Agriculture	Handouts
	10/4/00	LAB - PROJECTS	Handouts
	10/5/00	Foods	Handouts
		ASH WEDNESDAY, ALL OFFICES CLOSED BETWEEN 12:00-1:00 PM	
7	10/9/00	DISCOVERER'S DAY - HOLIDAY	
	10/10/00	Foods	Handouts
	10/11/00	LAB - FIRST LAB EXAM	Handouts
	10/12/00	Foods	Handouts
8	10/17/00	Foods	Handouts
	10/18/00	LAB - KAU KAU LAB	Handouts
	10/19/00	Foods MID-SEMESTER EVALUATIONS	Handouts Handouts
9	10/24/00	Foods	Handouts
	10/25/00	LAB - KANEWAI LOI LAB	Handouts
	10/26/00	Foods	Handouts

10	1031/00	Woods	Handouts
	11/1/00	LAB - KEAIWA STATE PARK	Handouts
	11/2/00	SECOND LECTURE EXAM	
	11/7/00	Assignment	Handouts
	11/8/00	Assignment	Handouts
	11/9/00	Assignment	Handouts
	11/10/00	VETERAN'S DAY - HOLIDAY LAST DAY TO WITHDRAW FROM CLASSES	
12	11/14/00	Woods	Handouts
	11/15/00	LAB - WAIAHOLE VALLEY HIKE BEGIN PRE-REGISTRATION FOR SPRING, 2001	Handouts
	11/16/00	Woods	Handouts
13	11/21/00	Woods LAST DAY TO WITHDRAW/ LAST DAY FOR CREDITINO CREDIT	Handouts
	11/22/00	LAB - INSTRUMENTS	Handouts
	11/23/00	THANKSGIVING DAY - HOLIDAY	
14	11126100	Woods	Handouts
	11/29/00	LAB - LEIS LAB	Handouts
	11/30/00	Medicinal Plants	Handouts
15	12/5/00	Leis POST-COURSE ASSESSMENT SURVEY	Handouts

	12/6/00	LAB - FINAL LAB EXAM	
	1217/00	Religion	Handouts
16	12112/00	FINAL LECTURE EXAM WEDNESDAY, 8:00 -10:00	
	12116/00	BACCALAUREATE AND AWARDS CEREMONY SATURDAY	
	12118100	FALL COMMENCEMENT MONDAY	