

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 identify pre- and post-Polynesian habitats in which ethnobotanically important plants are found.
- 3) able to analyze the evolutionary conditions and trends that gave rise to the unique flora of Hawaii.
- 4) able to know the uses of ethnobotanically important plants and families.
- 5) able to work with and make various articles from plant materials.
- 6) able to appreciate the roles of plants in our society and the culture history of many different people.
- 7) able to understand the importance of plants in economics, aesthetics, and their

place in the future.

- 8) able to instill an appreciation for the natural world and its wonders.

GRADING:

The point spread for lecture is as follows:

POINTS:

First Lecture Exam	100 Points
Second Lecture Exam	100 Points
Final Lecture Exam	150 Points
[Quizzes	<u>100 Points]</u>
Total	350 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	<u>100 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	1/11/99	Introduction/Mechanics/Geology	Handouts
	1/13/99	Geology LAB - INTRODUCTION/MECHANICS	Handouts
	1/15/99	Geology SPIRITUAL CONVOCATION, ALL 11:00 CLASSES CANCELLED	Handouts
2	1/18/99	HOLIDAY - FATHER CHAMINADE/ MARTIN LUTHER KING DAY	
	1/19/99	Geology LAST DAY TO REGISTER LAST DAY TO DROP/ADD	Handouts
	1/20/99	Geology LAB - FLOWERS/LEAVES/ DICHOTOMOUS KEY	Handouts Handouts
	1/21/99	LAST DAY TO SUBMIT PETITION FOR MAY 1999 GRADUATION	
	1/22/99	Geology SPIRITUAL CONVOCATION, 11:00-12:00 ALL CLASSES/OFFICES CLOSED	Handouts
3	1/25/99	Climate	Handouts
	1/27/99	Climate LAB - KALOKO COVE	Handouts Handouts
	1/29/99	Evolution	Handouts

4	2/1/99	Evolution	Handouts
	2/3/99	Ecology LAB - GREENHOUSE PROJECTS	Handouts Handouts
	2/5/99	Ecology	Handouts
5	2/8/99	Ecology	Handouts
	2/10/99	Limu LAB - EVOLUTION TAPES	Handouts Handouts
	2/12/99	FIRST LECTURE EXAM	
6	2/15/99	HOLIDAY - PRESIDENT'S DAY	
	2/17/99	Agriculture ASH WEDNESDAY, ALL OFFICES CLOSED BETWEEN 12:00-1:00 PM	Handouts
		LAB - CAMPUS WALK/PROJECTS	Handouts
	2/19/99	Foods	Handouts
7	2/22/99	Foods	Handouts
	2/24/99	Foods LAB - FIRST LAB EXAM	Handouts
	2/26/99	Foods	Handouts
8	3/1/99	Foods	Handouts
	3/3/99	Foods LAB - LOI LAB	Handouts Handouts
	3/5/99	Foods	Handouts
9	3/8/99	Foods	Handouts
	3/10/99	Foods LAB - KAU KAU LAB	Handouts Handouts

	3/12/99	Foods	Handouts
10	3115199	Woods	Handouts
	3/17/99	Woods LAB - KEAIWA STATE PARK	Handouts Handouts
	3/19/99	SECOND LECTURE EXAM	
11	3/22/99- 3/26/98	SPRING BREAK - NO CLASSES	
12	3/29/99	Woods	Handouts
	3/31/98	Woods LAB - PROJECTS	Handouts
	4/2/98	HOLIDAY - GOOD FRIDAY	
13	4/5/99	Woods LAST DAY TO WITHDRAW/ LAST DAY FOR CREDIT/NO CREDIT	Handouts
	416199	PRE-REGISTRATION STARTS	
	4/7/99	Woods LAB - INSTRUMENTS	Handouts Handouts
	4/9/99	Woods	Handouts
14	4/12/99	Woods	Handouts
	4/14/99	Woods LAB - WAIAHOLE FIELD TRIP	Handouts Handouts
	4/16/99	Woods	Handouts
15	4/19/99	Medicinal Plants	Handouts

	4/21/99	Medicinal Plants LAB - LEIS	Handouts Handouts
	4/23/99	Leis	Handouts
16	4/26/99	Religion	Handouts
	4/28/99	Miscellaneous LAB - FINAL LABORATORY EXAM	Handouts
	4/30/99	Review	
17	5/4/99	FINAL LECTURE EXAM 10:30 -12:30	
	5/8/99	BACCALAUREATE AND AWARDS CEREMONY	
	5/10/99	FALL COMMENCEMENT	