

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
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	<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

<u>WEEK</u>	<u>DATE</u>	<u>TOPICS</u>	<u>ASSIGNMENTS</u>
1	1/19/00	Introduction/Mechanics	Handouts
	1/20/00	LAST DAY TO SUBMIT PETITION FOR MAY 1009 GRADUATION	
	1/21/00	Geology LAB - INTRODUCTION/MECHANICS SPIRITUAL CONVOCATION, ALL 11:00 CLASSES CANCELLED	Handouts
2	1/24/00	Geology LAST DAY TO ADD/DROP	Handouts
	1/26/00	Geology LAST DAY TO REGISTER	Handouts
	1/28/00	Geology LAB - FLOWERS/LEAVES/ DICHOTOMOUS KEY ADMINISTER ASSESSMENT TOOL	Handouts Handouts Handouts
3	1/31/00	Climate	Handouts
	2/2/00	Climate	Handouts
	2/4/00	Evolution LAB - KALOKO COVE	Handouts Handouts
4	2/7/00	Evolution	Handouts
	2/9/00	Ecology	Handouts
	2/11/00	Ecology LAB - GREENHOUSE PROJECTS	Handouts Handouts

5	2/14/00	Ecology	Handouts
	2/16/00	Limu	Handouts
	2/18/00	FIRST LECTURE EXAM LAB - MYSTERY HIKE	Mystery Handouts
6	2/21/00	HOLIDAY - PRESIDENT'S DAY	
	2/23/00	Agriculture ASH WEDNESDAY, ALL OFFICES CLOSED BETWEEN 12:00-1:00 PM	Handouts
	2/25/00	Foods LAB - CAMPUS WALK/PROJECTS	Handouts Handouts
7	2/28/00	Foods	Handouts
	3/1/00	Foods	Handouts
	3/3/00	Foods LAB - FIRST LAB EXAM	Handouts Handouts
8	3/6/00	Foods	Handouts
	3/8/00	Foods ASH WEDNESDAY	Handouts
	3/10/00	Foods LAB - KAU KAU LAB	Handouts
9	3/13/00	Foods	Handouts
	3/15/00	Foods	Handouts
	3/17/00	Foods LAB - LOI LAB MID-SEMESTER EVALUATIONS	Handouts Handouts Handouts
10	3/20/00	Woods	Handouts
	3/22/00	Woods	Handouts

	3/24/00	SECOND LECTURE EXAM LAB - KEAIWA STATE PARK	Handouts
11	3/27/00- 3/31/00	SPRING BREAK - NO CLASSES	
12	4/3/00	Woods	Handouts
	4/5/98	Woods	Handouts
	4/7/98	Woods LAB - WAIAHOLE VALLEY HIKE	Handouts Handouts
13	4/10/00	Woods LAST DAY TO WITHDRAW/ LAST DAY FOR CREDIT/NO CREDIT	Handouts
	4/11/00	PRE-REGISTRATION STARTS	
	4/12/00	Woods	Handouts
	4/14/00	Woods LAB - INSTRUMENTS	Handouts Handouts
14	4/17/00	Woods	Handouts
	4/19/00	Woods	Handouts
	4/21/00	HOLIDAY - GOOD FRIDAY	
15	4/24/00	Medicinal Plants ADMINISTER ASSESSMENT TOOL	Handouts Handouts
	4/26/00	Medicinal Plants	Handouts
	4/28/00	Leis LAB - LEIS EVALUATION TOOLS	Handouts Handouts Handouts

16	5/1/00	Religion	Handouts
	5/3/00	Miscellaneous	Handouts
	5/5/00	Review LAB - FINAL LABORATORY EXAM	
17	5/9/00	FINAL LECTURE EXAM TUESDAY, 10:30 -12:30	
	5/13/00	BACCALAUREATE AND AWARDS CEREMONY SATURDAY	
	5/15/00	FALL COMMENCEMENT MONDAY	