

SS L 100

PM

People and Nature (BI 110) `

Syllabus

Summer 2000

Lecture: Tuesday and Thursday, 1730 - 1935

Lecturer: Brendan "Chip" Barrett

Text: *Environmental Science*, 6th edition, G. Tyler Miller, Jr.

Grading:	<u>Percent of Grade</u>
Weekly Quizzes (8)	45%
Midterm and Final Exams	45%
Attendance/Sportsmanship/Participation	10%

Scale:

A	90 - 100%
B	80 - 89%
C	70 - 79%
D	60 - 69%
F	50 - 59%

<u>Date</u>		Reading	
7/6	R	Introduction	
7/11	T	Ch. 1-3	
7/13	R	Ch. 4	Quiz on Ch. 1-3
7/18	T	Ch. 5	
7/20	R	Ch. 6	Quiz on Ch. 4 and 5
7/25	T	Ch. 7	
7/27	R	Ch. 8	Quiz on Ch. 6 and 7
8/1	T	Ch. 9	Handout Midterm Review Sheet
8/3	R	Ch. 10	Quiz on Ch. 8 and 9
8/8	T		Exam on Ch. 1- 10
silo	R	Ch. 11 and 12	
8/15	T	Ch. 13	
8/17	R	Ch. 14	Quiz on Ch. 11 - 13
8/22	T	Ch. 15	
8/24	R	Ch. 16	Quiz on Ch. 14 and 15
8/29	T	Ch. 17	
8/31	R	Ch. 18	Quiz on Ch. 16 and 17
9/5	T	Ch. 19	Handout Final Review Sheet
9/7	R	Ch. 20	Quiz on Ch. 18 and 19
9/13	T		Final Exam (75% on Ch. 11- 20, 25% on Ch. 1- 10)

Laboratory: Tuesday and Thursday, 1950 - 2155

<u>Grading:</u>	<u>Percent of Grade</u>
Lab Write-ups/Worksheets	45%
Term Paper/Presentation	45%
Attendance/Sportsmanship/Participation	10%

Scale:

A	90 - 100%
B	80 - 89%
C	70 - 79%
D	60 - 69%
F	50 - 59%

<u>Date</u>		<u>Reading</u>
7/6	R	introduction to Lab and Computer Lab.
7/11	T	Microscope Lab, bring in something to look at.
7/13	R	Scientific Method, developing and testing hypotheses. Collect data to analyze.
7/18	T	How to read a journal article. Value Lab: bring two "things" to value.
7/20		Diversity and taxonomy: the five kingdoms of life and the major animal phyla. How are organisms adapted to their ecological niches?
7/29	S	Video: " Biodiversity ." Waikiki Aquarium Field Trip.
8/1	T	Water and Soil Lab. Bring a water (pond, puddle, stream, or ocean) and soil sample to the lab to look for organisms, determine pH , and test for chemicals.
8/3		Review for Midterm
8/8	T	Independent research for Term Paper
8/12	S	Field Trip to Sand Island Wastewater Treatment Plant. Collect trash from beach or other public area to bring and save trash at home for the weekend for next lab.
8/15	T	Trash Lab
8/17	R	Guest Speakers
8/26	S	Video: Invasive species/Alien species. Field Trip: Manoa Valley Hike.
8/29	T	Guest Speakers
8/31	R	Presentations
9/5	T	Presentations
9/7	R	Review Session for Final Exam
9/13	T	Term Paper due