

COURSE SYLLABUS

NR 21 - Forest Products
Fridays, 0800-1750

Fall, 1999
Instructor: R. ~~O'Connell~~
Office Hours: T, Th - 1:00-3:00 p.m.

COURSE OBJECTIVES

NR 21 - Forest Products is designed to provide students with field exposure to a specific realm of knowledge within the field of forestry. The course focuses on timber sale preparation, administration, and primary and secondary manufacturing processes of forest products. Field trips are designed to allow on-site observation of harvesting and manufacturing techniques.

ATTENDANCE

Field trip attendance is mandatory. Field trips are unique in experience and are impossible to replicate in a classroom setting. If you do not attend a field trip, no points will be credited. Upon approval of the instructor, one excused field trip and report may be made up. The student will have to locate a company making wood products, arrange for a tour and then prepare a report. The maximum possible points is 150. Examples of possible field trips: logging operations, lumber yards, housing tracts, hardwood shops, and small wood-using factories.

GRADING

Attending five field trips	500
Five field trip reports	250
Midterm exam	100
Final	<u>200</u>
Total Points	1050

Grades will be based on a percentile of the highest point total in the class, i.e., 90% of highest score = A, 80% of highest score = B, etc.

SCHEDULE

<u>Date</u>	<u>Topic</u>
Oct. 22	Lecture: Introduction, Timber Sale Planning Valuation, Federal and Private Land Policies, Logging Methods
Oct. 29	Sequoia Lake Field Trip
Nov. 5	Field Trip: Timber sale administration and logging on federal & private lands. <u>Hardhat and boots needed.</u> Sierra National Forest & Southern California Edison lands.
Nov. 12	Field Trip: Sawmill operations at Dinuba Sawmill. <u>Hardhat and boots needed.</u> Lecture: Wood Quality, Defects, Wood Grades Lab: Wood Grades and Defects
Midterm Exam	
Nov. 19	Field Trip: North Coast - Humbolt - Industry Tour (overnight)
Nov. 26	Thanksgiving Holiday - <u>NO CLASS</u>
Dec. 3	Field Trip: California Cedar Products - Stockton
Dec. 10	Field Trip: Local wood manufacturing industries Lecture: Pulp & Paper Making Process
Dec. 17	Final Exam - 8:00 a.m.