

NR 1 - INTRODUCTION TO FORESTRY

COURSE SYLLABUS

TEXTBOOK

Essentials of Forestry Practice; by C.H. Stoddard & G.M. Stoddard. John Wiley & Sons Publ.
407 pages

DESCRIPTION/OBJECTIVES

This course is a general overview of the entire field of forestry and natural resources management. During the course, we will explore all aspects of wildland management from the historical perspective to the major changes we are now undergoing in the natural resources arena.

The lab portion of the course will deal with the practical application of major resource areas presented in the lecture. There will be several field trips to see firsthand how the system works. Also, we plan to have several guest speakers on various natural resource topics in the forest industry.

WRITTEN ASSIGNMENT

Each student will be required to write a paper on a forestry topic as covered in our lectures. A student may elect to read and produce an in depth report on a book (non-fiction) on forestry. A handout will be provided to assist you in the proper format for your report.

ATTENDANCE

The class will meet promptly each Tuesday at 1400, unless otherwise specified by the instructor. It is the responsibility of the student to check on meeting time changes if you are absent at any time. Students are expected to be in class on time and be ready for activities, including field trips. Attendance points will be awarded for each class session. Only excused absences are given points for missed class sessions. The following are considered to be excused absences: illness, medical and dental appointments (if they can not be avoided), death or serious illness/injury in the immediate family, and some court appearances (on a case by case basis). All others will be considered by the instructor as to its validity for an excused absence.

COLLEGE POLICIES

Campus code requires shoes (sandals accepted) and a shirt to be worn at all times.

There will be no eating, drinking, or smoking (including smokeless tobacco products) allowed in any building.

No children and/or pets will be allowed to "sit in" during class time.

At no time will horseplay be allowed anywhere on campus, including field trips and at the school forest. This also includes no foul language.

Students must complete the entire course (including the final exam) in order to receive a passing grade.

If you are caught cheating or plagiarizing another's work, you will be removed from the class and assigned an "F" for the course.

INSTRUCTOR'S POLICIES

Students will remove their hats upon entering the classroom. Everything that you bring to the class must be removed when you leave. Any refuse will be placed in the trash receptacle provided in the room before you leave.

Field trips may require you to wear a hardhat which you must provide for yourself. Any supplies, equipment, etc. used by students from the college will be issued, then the student is responsible for the return of that equipment at the end of the specified use period. Any misuse of equipment which results in breakage will be paid for by the student(s) responsible.

Role will be taken at the beginning of the class session. If a student is late to class, the instructor shall be informed at the end of the class session at so that the absence can be changed to a "tardy". Two tardies is equal to one absence. After six (6) absences, a student will be dropped from the class for non-attendance. Also, any student who misses a class for two consecutive weeks will be dropped. Re-instatement is allowed through formal petition and only if extenuating circumstances can be shown.

There will be no talking to associate students during class time. Repeated violations of this policy will be removal from the classroom. Return to the classroom is at the discretion of the instructor.

During some field exercises hard hats will be required. It is the student's responsibility to provide a hard hat which meets the safety standards for the program. You may also want leather work gloves for some field activities.

If a student wishes to drop a class, it is his/her responsibility to initiate the action. **The LAST DAY to drop a course without penalty is FRIDAY, MARCH 13, 1998 by 1700.** After that date, a grade must be assigned.

GRADING

In general, a passing grade will be a "C" (about 70% of the total point values). Grading is based on a sliding curve using the highest total points awarded. An approximate breakdown:

| | <u>Points</u> |
|-------------------------------------|-----------------------|
| Written Exams I, II & III | 300± |
| Attendance (5 pts./session) | 160 |
| Chapter Questions (10-35 pts./each) | 200 |
| Lab Reports (20 pts./each) | 320 |
| Quizzes (10-15 pts./each) | 90± |
| Topic Paper | 100 |
| Final Exam | <u>200±</u> |
| Total | = <u>1270±</u> |

Regular exams and assignments missed will be allowed a one-week grace period (With a 10% reduction in possible score), after which, no credit will be allowed. Quizzes will be unannounced and will cover materials recently discussed in class. No quizzes can be made up when missed. There will, however, be opportunities for students to either make up missed work or earn extra credit. Extra credit, etc. can be accomplished through written reports on general forestry or by assisting the instructor with setting up labs. Assisting time will be a 5 points earned for each hour worked.

NOTE

My office hours are: Monday, Wednesday, Friday 1000-1100
Tuesday 1100-1200
Office: Room FE 3

If you are having any kind of problem with your courses, etc., please see me. My office number is 638-3641, Ext. 275. I am also available at other times by prior appointment.

SCHEDULE

| <u>Date</u> | <u>Lecture/Reading Assignment</u> | <u>Lab Topic</u> |
|-------------|--|---|
| Jan. 13 | Introduction, Conduct of Course, Careers Chapter 1 | Forestry Tools |
| Jan. 20 | Forestry - Yesterday, Today, Tomorrow Chapter 2 <u>Lab 1 & Chapter 1 due</u> | Video: "Forestry" |
| Jan. 27 | Trees: Characteristics & Growth Chapter 3 <u>Lab 2 & Chapter 2 due</u> | Tree Growth |
| Feb. 3 | Composition & Distribution of Forests Chapter 4 <u>Lab 3 & Chapter 3 due</u> | Forest Types |
| Feb. 10 | EXAM I Chapter 5 <u>Lab 4 & Chapter 4 due</u> | Practical Field Exercise |
| Feb. 17 | Measuring the Forest Chapter 6 <u>Lab 5 & Chapter 5A due</u> | Thinning Exercise (North Grove) |
| Feb. 24 | Forest Management & Timber Production Chapter 7 <u>Lab 6 & Chapter 5B due</u> | Dinuba Sawmill Field Trip |
| Mar. 3 | Logging & Measuring Forest Products Chapter 8 <u>Lab 7 & Chapter 6 due</u> | Forest Measurement Exercise |
| Mar. 10 | EXAM II Chapter 9 <u>Lab 8 & Chapter 7 due</u> | Products Lab Video: "Logging in Maine" |
| Mar. 17 | Protecting Forests - Fire Chapter 10 <u>Lab 9 & Chapter 8 due</u> | Guest Speaker: USFS |
| Mar. 24 | Protecting Forests - Insect & Disease Control Chapter 10 <u>Lab 10A & Chapter 10 due</u> | Video: "Insects & Disease" |
| Mar. 31 | Exam III Protecting Forests - Law Enforcement Chapter 11 <u>Lab 10 & Chapter 10B due</u> | Guest Speaker: Chris Lauer, USFS |
| April 7 | Spring Break - NO CLASSES 4/6-10/98 | |

| <u>Date</u> | <u>Lecture/Reading Assignment</u> | <u>Lab Topic</u> |
|-------------|--|---|
| April 14 | Managing Forest Lands - Wildlife Chapter 12 <u>Lab 12 & Chapter 11 due</u> | Guest Speaker: Tony Spada, CDF&G |
| April 21 | Managing Forest Lands for Other Purposes <u>Lab 12 & Chapter 12 due</u> | Guest Speaker: John Minks, USFS |
| April 28 | Processing & Marketing Forest Products <u>Lab 13 & all chapter assignments due</u> | Film |
| May 5 | LAND Workshop <u>All assignments due</u> | Video Guest Speaker: Patrick Emmerett, SFI |
| May 12 | Organization & Administration of Forestry Programs Review & Wrap-up (All assignments are now late) | |
| May 21 | Final Exam 1300-1500 | |