

RC
Room FE 7
Bemis

NR 25 - FOREST MANAGEMENT

Spring, 2000
Lecture: M, W 1300
Lab: Th 0800-1100

COURSE SYLLABUS

OBJECTIVES

This course is a "capstone" course in that it is designed to bring together all of the technical natural resources course work you have completed for your Associates in Science Degree (AS).

Much of the course will revolve around the Spring 2000 (NR 10 & 16) field trip. Each team of students will be responsible for a basic part of the field trip. However, all students in the class will contribute to each part of the project. The end product will be reviewed by the forestry staff at Reedley College and the YMCA Sequoia Lake key staff before the field trip begins. During the field trip, the forestry instructors will make an evaluation of each student for a final grade.

Each team will select its Director and subordinate staff for the project. Remember that each team member is as important to the whole project as the director or any other team member. If a team member is not pulling his/her equal weight, it is the responsibility of the team leader to address this issue with the non-contributing member in writing. If the conflict cannot be resolved, the team should meet with the instructor and request, in writing, a grade adjustment for the non-contributing member.

TEXTBOOK

There is no textbook for this course. There will be numerous handouts, technical papers, and manuals made available as the need arises. Your notes and handouts from previously completed natural resources courses will also be very valuable to you.

WRITTEN ASSIGNMENTS

Each team will be required to submit for final evaluation a completed assigned project dealing with some area of the school forest. The final project will include: written prospectus, maps, diagrams, technical specifications, costs, and logistical data. Each team will develop a project name and team (company name). The company name will be limited to a total of four words only. Each team will select a president and key staff members as there will be only one spokesman for each team at any company/YMCA meetings. The company president's position may rotate if the team elects to do so.

ATTENDANCE

The class will meet promptly each Monday and Wednesday at 1300 and on Thursday at 800 for labs, 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 cannot 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 their validity as an excused absence.

It is expected that considerable time will be spent outside of class time to produce the total project by the due date. Labs will be primarily for development of format and logistical data. The actual putting together of the final product will be accomplished outside of class time.

If you miss labs, you will miss a most important part of this course. Each student is an important part of a team (company). The success of the whole company is highly dependent upon the sum of all its parts. The bulk of the final grade rests solely on the team's collective input.

This course will, in large part, determine your individual as well as your team ability to perform management tasks that are up to industry standards.

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.

Skateboards and/or rollerblades are not allowed anywhere on campus.

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 refuge 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.

Roll 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 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 lecture time. Repeated violations of this policy will be removal from the classroom. Return to the classroom is at the discretion of the instructor.

Cell phones and/or beepers will not be allowed in the class.

THE RESPONSIBILITY TO DROP THE COURSE LIES WITH THE STUDENT.

If a student wishes to drop a class, it is his/her responsibility to initiate the action. the **LAST DAY to drop a class without penalty is FRIDAY, MARCH 10, 2000.** After that date, a **grade must be assigned.**

GRADING

The grading for this class will be mostly based upon the completion of the team project and the contract which students will develop. There will be one mid-term exam covering the first half of the course content. There will also be a few quizzes on new (materials not ever covered in any other course).

In general, a passing grade will be a "D", about 60% of the total point values awarded. Grading will be based upon a sliding curve using the highest total points earned. An approximate breakdown is as follows:

	<u>Points</u>
Written Mid-term	150 [±]
Quizzes (20-25 pts./each)	100 [±]
Attendance (3 pts./session)	141
Individual Parts of Project	250
Final Project	350
Final Exam	<u>100_±</u>
Total	1097[±]

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 to either make up missed work or earn extra credit. The instructor has numerous small projects which can be used for extra credit where it is appropriate.

OFFICE HOURS

My office hours are: Monday, Tuesday, Wednesday and Friday, 1000-1100.

My phone number is: (559) 638-3641, Ext. 3275

Please see me if you are having any problems with the course, etc.

NOTE

Remember, this is a capstone course which is basically a composite of all the NR and LAND courses you have taken, or are taking. Most of the grade will be a team effort.

SCHEDULE

<u>Date</u>	<u>Activity</u>
1/10	Introduction, Class Questionnaire, Conduct of Course
1/12	Boundary Control History & Legal Principles
1/13	<u>Lab</u> : Set Up Teams, Develop Strategy for Projects
1/17	Holiday - NO CLASS
1/19	Boundary Control & How Boundaries are Created
1/20	<u>Lab</u> : Develop Outlines for Proposed Projects (meet with YMCA staff)
1/24	Federal Jurisdiction & Sovereign Immunity

- 1/26 Record Search for Ownership, Records & Documents (how to use)
Guest Speaker
- 1/27 Start Gathering Data for NR 10 & NR 16 Workday
- 1/31 Other Legal Documents: Withdrawals, Leans, Easements,
Mineral/Water/Timber Rights, Laws & Claims
- 2/2 Contracting - General Principles
- 2/3 Lab: Data Accumulation Field Trip - School Forest (for NR 10 & 16 work
day)
- 2/7 Contracting - Labor Provisions
- 2/9 Contracting - Technical Specifications
- 2/10 Lab: Maps & Technical Drawings for Projects; Review of Techniques
- 2/14 HOLIDAY - No Class
- 2/16 Contracting - Breach, Default, Penalties
- 2/17 Lab: Setting Up Work Units for Projects
- 2/21 HOLIDAY - No Class
- 2/23 Contracting - Inspection & Payments
- 2/24 Lab: Project Plans, Logistics & Progress Reports
- 2/28 Contracting - Maps, Drawings (how, what, where, when & why)
- 3/1 Contracts - Data for Contracts
- 3/2 Lab: Team Meetings - First Draft of Project
- 3/6 Special Considerations in Contracting
- 3/8 **EXAM I**
- 3/9 Lab: Project Plans for Field Trip
- 3/13 Contracting - Boundary Control
- 3/15 Management Plan Development Concepts - Mission Statement
- 3/16 Lab: Management Unit Plans - Development
- 3/20 Project Development - Source of Data
- 3/22 Project Development - Written Text (how to)
- 3/23 Lab: Work Day Plans for NR 10 & 16
- 3/27 Project Development - Graphs, Tables & Figures

- 3/29 Project Development - Maps
- 4/3 Lab: Project Development for NR 10 & 16 Field Trip to School forest for Field Data Collection
- 4/5 Management Plan Unit Criteria
- 4/6 Lab: NR 10 & 16 Meeting with YMCA & Forestry Staff
- 4/10 Management Plans - Goals & Objectives
- 4/12 Management Plans - Goals & Objectives, Tasks
- 4/13 Lab: Final All Data for NR 10 & 16 - To Typing & Reproduction
- 4/16 Project - Progress on Land Management Units
- 4/117-21 SPRING BREAK - No Classes
- 4/24 Management Plans - Draft Outlines
- 4/26 Management Plans - Coordination with Other Agencies
- 4/27 Lab: Develop Management Plans Outlines
- 5/1 Project - Progress on Land Management Units
- 5/3 Project - Progress on Land Management Units
- 5/4 NR 10 & 16 Sequoia Lake Field Trip (no lab)
- 5/8 Critique of NR 10 & 16 (whole class)
- 5/10 Critique of NR 10 & 16 (whole class) - Summation
- 5/19 **FINAL EXAM - 1300-1500 (Friday)**

FINAL COMMENTS

This course is much different from any other course which you have taken in the Forest/Park Technology program. Individually and collectively you will be on your own for a good part of the semester. I will be available to you for counsel and advice when you need help. In this course you will either learn to fly on your own or crash because of not having well-grounded skills in the other courses you have heretofore taken. Each one of you is expected to contribute a fair share and special talents to make this course collectively successful.

Lots of luck to each of you!