

## **NR7 -- CONSERVATION OF NATURAL RESOURCES**

**Course Syllabus for Fall 1999**

**1100-1200 M,W,F (FEM 1)**

***Instructor: Kenneth Nolte***

Office: FEM 10, Phone: (559) 638-3641, Ext. 3499.

Office Hours: M,W,F---1000-1100, T,TH --- 0900-1000, other times by appt.

### **No Prerequisites Required**

### **Course Objectives**

To gain a better understanding of the use and protection of Natural Resources and to study mans relationship with them in an environmental context.

### **Classroom Conduct**

This syllabus is a contract between you and me about how each of us will carry out our duties during this course. You should read this syllabus carefully and if you don't understand something, you should talk to me about it as soon as possible.

Repeated unexcused absence will also be grounds for being withdrawn from class. **Remember that it is your responsibility to drop a class. The last day to drop a class without receiving a grade is October 15, by 1700.**

### **Reedley College Policies**

Campus code requires that shoes (sandals accepted) and a shirt be worn at all times. There will be no eating, drinking, or smoking (this includes smokeless tobacco products) in any building. No children or pets will be allowed in class (no exceptions). Horseplay and/or foul language will not be tolerated in my classroom or anywhere on campus. To receive a grade for this course, students must complete all assigned work. Cheating or plagiarism will result in removal from class and you will receive an "F".

## Text Book

*"Environmental Science"* by Cunningham & Saigo, McGraw-Hill, 4th Edition. The text is not required; however, it will be very difficult to receive a grade above a B for the course without reading the text.

## Attendance and Grading Policy

If you miss a lecture, you are responsible for obtaining notes from a classmate. The success of this or of any class depends on the presence and active participation of each student. Therefore, you are expected to attend every class. Your attendance record will be considered when assigning your final grade. Unannounced quizzes will be given during the first 10-15 minutes of class so it is important that you arrive to class on time. If you are late you will not be allowed to take the quiz. You will be given a zero for late assignments or missed quizzes unless you have a valid, written excuse from a physician or unless you make arrangements with me prior to an absence. Your grades will be based on a straight-percent system, according to the following scale:

| Course Grade | Cumulative Percent |
|--------------|--------------------|
| A            | 90-100             |
| B            | 80-89              |
| C            | 70-79              |
| D            | 60-69              |
| F            | Below 60           |

### Breakdown of Grades

| Type                   | Points     | % of Grade  |
|------------------------|------------|-------------|
| Exams (5 @ 100pts.)    | 400        | 75          |
| Quizzes (10 @ 15 pts.) | 150        | 25          |
| <b>Total</b>           | <b>550</b> | <b>100%</b> |

## Exams

Exams will consist of both objective (fill in the blank, multiple choice, matching) and short answer or essay. I may also assign 1 or 2 questions prior to the exam that will require you to do some research at the library and/or have read the text by Cunningham & Saigo. These essay questions will be turned in with your exam and will count for about 10% of the final exam grade. All exams will be graded and returned as soon as possible, usually the

same week and will be discussed in class. Your lowest exam grade will be dropped when calculating your final grade for this course. Makeup exams will only be given in special circumstances. You must give me prior notice and have a doctor's excuse or other valid reason, i.e., death in family. Oversleeping or having a flat tire is not a valid excuse. If you require any special consideration when taking exams please see me during the first week of class and we can make arrangements to accommodate your needs.

### Quizzes

Expect that occasional **unannounced** quizzes will be given at the beginning of class. These quizzes will be short and cumulative and are designed to keep you current with the course. If you spend some time reviewing the material each week you should do fine.

### Tentative Lecture Schedule

| Date | Lecture Topic  | Reading Assignment                          |
|------|--|---|
| 8/16 | Introduction, Discuss syllabus<br>Basic Concepts in Ecology<br>Basic Concepts in Ecology | Chapters 1,2,3<br>Chapters 1,2,3            |
| 8/23 | Basic Concepts in Ecology<br>Biomes<br>Biomes  | Chapter 4,5<br>Chapter 5<br>Chapter 5       |
| 8/30 | Biomes<br>People in Conservation<br>People in Conservation                               | Chapter 5                                   |
| 9/6  | <b>LABOR DAY</b><br><b>REVIEW</b><br><b>EXAM 1</b>                                       |   |
| 9/13 | Soil<br>Soil<br>Food and Pesticides  | Chapter 11<br>Chapter 11<br>Chapters 10, 12 |

|       |   |   |
|-------|---|---|
| 9/20  | Food and Pesticides<br>Forestry and Rangeland<br>Forestry and Rangeland | Chapters 10, 12<br>Chapter 14<br>Chapter 14           |
| 9/27  | Energy<br>Energy<br>Energy  | Chapters 21, 22<br>Chapters 21, 22<br>Chapters 21, 22 |
| 10/4  | <b>REVIEW<br/>EXAM 2</b><br>Wildlife                                    | Chapter 6   |
| 10/11 | Wildlife<br>Wildlife<br>Wildlife  | Chapter 13<br>Chapter 13<br>Chapter 15                |
| 10/18 | Water<br>Fisheries<br>Outdoor Recreation                                | Chapter 19<br>Chapter 15                              |
| 10/25 | Wilderness<br>Population<br>Population                                  | Chapter 15<br>Chapter 7<br>Chapter 7                  |
| 11/1  | <b>REVIEW<br/>EXAM 3</b><br>Environmental Health                        | Chapter 9   |
| 11/8  | Air Pollution<br>Water and Solid Pollution                              | Chapter 18<br>Chapter 20, 23                          |
| 11/15 | Man and Natural Resources<br>Man and Natural Resources<br>Urbanization  | Chapters 8<br>Chapters 25<br>Chapter 24               |
| 11/22 | <b>REVIEW<br/>EXAM 4</b>  |   |

11/25-26 **THANKSGIVING HOLIDAY**

11/29 Decline of Cultural Diversity  
Why Should We Care ?  
**MAKEUP DAY**

12/6 Course Summary  
**REVIEW FOR FINAL EXAM**

12/15 **FINAL EXAM 1030-1230**

***Sequoia Lake Field Trip Dates:***

***September 16-18***

***October 28-30***

NR 7  
Fall 99

Conservation of Natural Resources  
Quiz 1 (*Not* for credit)

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Nolte

Name \_\_\_\_\_ Major \_\_\_\_\_

1. *Briefly define Biodiversity.*
  
2. *What is an Environmentalist? Would you consider yourself an Environmentalist?*
  
3. *What is the single most important environmental issue facing the World today? Why?*
  
4. *What is the most crucial issue faced by natural resource managers in California?*
  
5. *What is the population of the World? Of the United States?*