

**Tentative Syllabus
Environmental Geology - 103
Spring 2005**

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Office Hours: Immediately prior to or after
class; other times by appointment

Text: Environmental Geology, 8th Edition, by E.A. Keller

Lab: Exercises provided by the instructor; Independent Lab report (select environmental topic, prepare paper (approx.15 page), and give 5-10 minute presentation)

Course Objectives: To introduce you to some of today's major environmental issues and to provide you with the geological background to understand and evaluate those issues.

Course Grading: based on four lecture exams, Lecture assignments, Lab Exercises, Independent Lab report, and class participation. Total of 100%.

Exam I-III = 45% (15% ea.); final exam = 15%, Lecture assignments = 5%; Lab exercises = 15%
% Lab report = 15%; participation = 5%

Letter Grades are assigned according to standard scale: 90% and above = A; 80-89 = B; 70-79 = C; 60-69 = D; below 60 = F.

Attendance is recommended. Please review the University's policy on class attendance outlined in the 2004-2005 USCA Bulletin. The level of difficulty of a science course generally requires the attendance in order for the student to completely understand the material. Material presented in the lecture is intended to compliment the material presented in the text.

Reading assignments: assignments listed on the attached schedule are from the required text and should be completed prior to class. The student is responsible for all reading material assigned, any handouts, and material presented in the lecture.

Make-up exams: make-up exams will be offered only to those students who present acceptable written excuses to the instructor. Acceptable excuses are those recognized by the University and approved by the instructor. Make-up tests will cover the same material as the original exam, however, may differ in format (e.g. essay).

Disability statement: If you have a learning or physical disability which may affect your performance in this class, please inform the instructor as soon as possible and Dr. L. Matthews, Coordinator of Counseling Services in order to verify your status and provide you with appropriate assistance.

USCA provides a Writing Center (CLAS 201) to assist you in your writing. The Writing Center is staffed by friendly USCA students who are expert writers and who have been trained as writing consultants. If you need extra assistance on any writing assignment for this class or any other class you are taking, please try the Writing Center. You may make an appointment or just drop in. Operating hours are posted on the door. Telephone number is 649-6851, ext. 3262.

Lecture Schedule: T, TH 6:00 - 8:40 pm USCA Science Building Room 212

- Jan. 11T Introduction to Course
13TH Chp.1 Fund. Concepts
18T Chp.2 Earth Materials
20TH Chp.2 cont.; Chp.3 Soils
25T Chp.3 cont. Chp.4 Natural Hazards
27TH Chp.4 cont.
- Feb 01T **Exam 1**
03TH Chp.5 Rivers & Flooding
08T Chp.5 cont.; Chp.6 Landslides
10TH Chp. 6 cont.
15T Chp.7 Earthquakes
17TH Chp.7 cont.
22T Chp.8 Volcanoes; Chp. 9 Coastal Hazards
24TH Chp.9 cont.; select Independent Lab topic
- Mar. 01T **Exam 2**
03TH Chp.10 Water
08T to 10TH SPRING BREAK – NO CLASSES
15T Chp.11 Water Pollution and Treatment
17T Chp.11 Water Pollution and Treatment cont.
22T Chp.12 Waste Management
24TH Chp.13 Geologic Aspects of Human Health
29T Chp.14 Mineral Resources
31TH **Exam 3**
- Apr. 05T Chp. 15 Energy & Environment
07TH Chp.16 Global Change
12T Chp.17 Air Pollution
14TH Chp. 18 Landscape Evaluation
19T Independent Lab report presentations
21TH Independent Lab report presentations cont.
28TH **Final Exam** - 8:00 pm