

**Tentative Syllabus
Environmental Geology - 103
Spring 2003**

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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: Independent Lab report; select environmental topic, prepare paper (approx. 10-15 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; develop independent research and communication skills.

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

Exam I-III = 45% (15% ea.); final exam = 25%; lab report = 25%; 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 2002-2003 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. 09TH Introduction to Course
14T Chp.1 Fund. Concepts
16TH Chp.2 Earth Materials
21T Chp.2 cont.; Chp.3 Soils
23TH Chp.3 cont. Chp.4 Natural Hazards
28T Chp.4 cont.
30TH **Exam 1**
- Feb 04T Chp.5 Rivers & Flooding
06TH Chp.5 cont.; Chp.6 Landslides
11T Chp. 6 cont.
13TH Chp.7 Earthquakes
18T Chp.7 cont.
20TH Chp.8 Volcanoes; Chp. 9 Coastal Hazards
25T Chp.9 cont.; select Independent Lab topic
27TH **Exam 2**
- Mar. 04T Chp.10 Water
06TH Chp.10 cont.
10M to 14F **SPRING BREAK - NO CLASSES**
18T Chp.11 Water Pollution and Treatment
20TH Chp.11 Water Pollution and Treatment cont.
25T Chp.12 Waste Management
27TH Chp.13 Geologic Aspects of Human Health
- Apr. 01T Chp.14 Mineral Resources
03TH **Exam 3.**
08T Chp. 15 Energy & Environment
10TH **NO CLASS**
15T Chp.16 Global Change
17TH Chp.17 Air Pollution; Chp. 18 Landscape Evaluation
22T Independent Lab report presentations
24TH Independent Lab report presentations cont.
- May 01TH **Final Exam - 6:00 pm**