

**Tentative Syllabus
Environmental Geology - 103
Spring 2002**

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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 short paper, 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, lab average (average of completed lab exercises and Independent Lab report), and class participation. Total of 100%.

Exam I-III = 45% (15% ea.); final exam = 25%; lab aver. = 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 2001-2002 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: M,W 6:00 - 8:40 pm USCA Science Building Room 212

- Jan. 14M Introduction to Course
16W Chp.1 Fund. Concepts
21M **No Class - MLK**
23W Chp.2 Earth Materials
28M Chp.2 cont.; Chp.3 Soils; Lab 1 Soil Survey
30W Chp.3 cont. Chp.4 Natural Hazards
- Feb. 04M Chp.4 cont.
06W **Exam 1**
11M Chp.5 Rivers & Flooding; Lab 2 Flooding
13W Chp.5 cont.; Chp.6 Landslides
18M Chp. 6 cont.
20W Chp.7 Earthquakes; Lab 3 Earthquakes
25M Chp.7 cont.
27W Chp.8 Volcanoes; Chp. 9 Coastal Hazards; Lab 4 Coastal Land Use
- Mar. 04M Chp.9 cont.
06W **Exam 2**
11M to 15F **SPRING BREAK - NO CLASSES**
18M Chp.10 Water; Lab 5 Water Pollution
20W Chp.11 Water Pollution and Treatment; Lab 6 Urban Use
25M Chp.11 cont.; Chp.12 Waste Management; select Independent Lab topic
27W Chp.13 Geologic Aspects of Human Health
- Apr. 01M Chp.14 Mineral Resources
03W Chp.14 cont.
08M **Exam 3**
10W Chp. 15 Energy & Environment
15M Chp.16 Global Change
17W Chp.17 Air Pollution
22M Chp.18 Landscape Evaluation
24W Independent Lab report presentations
29M Independent Lab report presentations cont.
- May 08W **Final Exam** - 6:00 pm