

Tentative Syllabus
Environmental Geology - 103
Fall 2008

Lecturer: Dr. Robert Van Pelt Office Hours: Immediately prior to or after
Day-time phone: (803) 952-6523 class; other times by appointment
E-mail: Robert.vanpelt@srs.gov; bobv@usca.edu;
vanpelt_robert@yahoo.com

Text: "Introduction to Environmental Geology" Fourth edition (soft cover) by Edward A. Keller, Pearson Prentice Hall publisher

Lab: Exercises provided by the instructor; Independent Lab report (select environmental topic, prepare report (~15 page), and give a ~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/presentation, 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 2008-2009 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 physical, psychological, and/or learning disability, which might affect your performance in class, please contact the Office of Disability Services, 126A B&E (803) 641-3609, as soon as possible. The Disability Services Office will determine appropriate accommodations based on medical documentation.

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.

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

Aug.	21TH	Introduction to Course
	26T	Chp.1 Fundamental Concepts
	28TH	Chp.2 Earth Structure & Plate Tectonics
Sept	02T	Chp.2 cont.; Chp.3 Minerals & Rocks, Lab Exercise
	04TH	Chp.3 cont.; Mineral & Rock Lab Exercise cont.
	09T	Chp.4 Ecology & Geology
	11TH	Chp.5 Natural Hazards
	16T	EXAM 1 (Chps. 1-4)
	18TH	Chp.6 Earthquakes
	23T	Chp. 6 cont.; Chp. 7 Volcanoes, Lab Exercise
	25TH	Chp.7 cont.; Chp. 8 Rivers & Floods
	30T	Chp.8 cont.; Chp. 9 Slope & Landslides
Oct.	02TH	Chp.9 cont.; Chp.10 Coastal Processes, Lab Exercise
	07T	Chp.10 cont.; select Independent Lab report topic
	09TH	NO CLASS FALL BREAK
	14T	EXAM 2 (Chps. 5-10)
	16TH	Chp.12 Water Resources, Lab Exercise
	21T	Chp.12 cont.; Chp.13 Water Pollution, Lab Exercise
	23TH	Chp.13 cont.; Chp. 14 Mineral Resources
	28T	Chp.14 cont.; Chp.15 Energy Resources
	30TH	Chp.15 cont.; Lab Exercise
Nov.	04T	NO CLASS ELECTION DAY
	06TH	EXAM 3 (Chps. 12-15)
	11T	Chp.16 Soils & Environment
	13TH	Chp.16 cont.; Chp.17 Waste Management, Lab Exercise
	18T	Chp.17 cont.; Chp. 18 Air Pollution
	20TH	Chp.18 cont.; Chp. 19 Global Climate Change
	25T	Chp.19 cont.; Chp.20 Geo. Society & Future
	27TH	NO CLASS THANKSGIVING HOLIDAY
Dec.	02T	Independent Lab report presentations
	04TH	Independent Lab report presentations cont.
	12F	FINAL EXAM (Chps. 16-20)