GEOL 334 Environmental Geology – T-Th 11:30 – 2:15 pm
Dr. Dave Kreamer – Office LFG 205
Office Hours T-Th 1-2 pm, or other times by appointment
dave.kreamer@unlv.edu, 895-3553
Hazard City – Initially use http://www2.gsu.edu/~geohab/Babaie/courses/geol2001/Hazard%20City%20application/Files/

Grading-
Class Discussion preparedness/ performance – 15%
Homework – 15%
Midterm Exam – 25%
Term Paper and presentation – 15%
Final Exam – 30%

Learning outcomes / Educational Goals –
1. Increase comfort with the specialized language, challenges, interconnections, problem estimation methods, and solutions in the field of environmental geology.
2. Develop critical thinking.
3. Develop problem solving skills.
4. Practical Writing and Oral Presentation skills.
5. Show why it is a very, very cool field

Possible topics:

Tentative Schedule – Subject to Change Depending on What Disasters Occur During the Semester!
Weekly Reading in Topic Highly Suggested, Supplementary
Aug. 29 - 31 Class Procedures, Relevance of Class E.A. Keller, Introduction to Environmental Geology 5th Ed
Sept. 5 - 7 Fundamental Concepts, Population Chapters 1, 5
Sept. 12 - 14 Review Internal Structure of Earth, Rocks Chapters 2, 3
Sept. 19 - 21 Earthquakes, Climate Change Chapter 6
Sept. 26 - 28 Climate Change Chapter 18
Oct. 3 - 5 Avalanche, Mass Movement Chapter 10
Oct. 10 - 12 Tsunami, Coastal Processes Chapters 7, 11
Oct. 17 Energy Chapters 15, 16
Oct. 19 Midterm Exam Mid Term Semester grades due
Oct. 21 Volcanoes Chapter 8
Oct. 31 – Nov. 2 Flooding Chapter 9
Nov. 7 - 9 Student Presentations
Nov. 14 - 16 Student Presentations
Nov. 19 Term Papers Due – Electronic Submission in Word, Required Plagiarism check to be submitted, Title Page, Abstract less than 500 words, six pages text, add illustrations, proper referencing, list of references, short author biography.
Nov. 21 Ecology and geology Chapter 4
Nov. 23 No Classes Thanksgiving
Nov. 28-30 Water Resources and Water Pollution Chapters 13,14
Dec. 5-7 Impact of Extraterrestrial Objects Chapter 12

Final Exam: Thursday, December 14, 10:10 am – 12:10 p.m – same room.
Academic Misconduct – “Academic integrity is a legitimate concern for every member of the campus community; all share in upholding the fundamental values of honesty, trust, respect, fairness, responsibility and professionalism. By choosing to join the UNLV community, students accept the expectations of the Academic Misconduct Policy and are encouraged when faced with choices to always take the ethical path. Students enrolling in UNLV assume the obligation to conduct themselves in a manner compatible with UNLV’s function as an educational institution.”

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