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GEOL 109.01: Environmental Geoscience

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Environmental Geoscience --- Geology 109
Gray Thompson - Fall, 2003

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<u>Week</u>	<u>Discussion Topic</u>	<u>Reading in</u> <u>"Earth Science and</u> <u>the Environment"</u>
1	The Global Environment: Earth Systems and Geologic Time	Chapters 1, 4, and 5; pages 16-19; 84-86; 418-421
2	Earth Systems and Geologic Time, Con't	Chapters 1, 4, and 5; pages 16-19; 84-86
3	The Earth's Atmosphere: Climate and Climate Change	Chapters 15, 16, 17, and 18; pages 175-179; 283-287; 342-345
4	The Earth's Atmosphere: Climate and Climate Change	Chapters 15, 16, 17, and 18; pages 175-179; 342-345
5	The Earth's Atmosphere: Climate and Climate Change	Chapters 15, 16, 17, and 18; pages 175-179; 342-345
6	The Earth's Atmosphere: Climate and Climate Change FIRST MIDTERM EXAM	Chapters 15, 16, 17, and 18; pages 175-179; 342-345
7	Climate and Climate Change: Ice Ages and Glaciers	Chapter 11
8	Climate and Climate Change: Deserts	Chapter 12
9	Water Resources: Streams, Ground Water, Lakes, and Wetlands	Chapters 10 and 20

10	Water Resources, con't	Chapters 10 and 20
11	Water Resources, con't	Chapter 10 and 20
12	SECOND MIDTERM EXAM Earth Materials: Minerals and Rocks	Chapters 2 and 8
13	Earth Materials: Minerals and Rocks	Chapters 2 and 8
14	Geologic Hazards: Volcanoes and Plutons	Chapter 7
15	Geologic Hazards: Earthquakes and Landslides	Chapters 6 and 9

Text: Earth Science and the Environment, G. R. Thompson and J. Turk, Saunders College Press/Harcourt Brace, New York, 1999, 589pp.

Course grading will be based on 25% for each of the two midterm exams and 50% on the final exam.

Final exam: Tuesday Dec. 16, 3:20 – 5:20