GEOL 109.01: environmental Geoscience

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### Week Discussion Topic

1. The Global Environment: Earth Systems and Geologic Time
2. Earth Systems and Geologic Time, Con't
3. The Earth’s Atmosphere: Climate and Climate Change
4. The Earth’s Atmosphere: Climate and Climate Change
5. The Earth’s Atmosphere: Climate and Climate Change
6. The Earth’s Atmosphere: Climate and Climate Change
7. Climate and Climate Change: Ice Ages and Glaciers
8. Climate and Climate Change: Deserts

### Reading in "Earth Science and the Environment"

- **Week 1**: Chapters 1, 4, and 5; pages 16-19; 84-86; 418-421
- **Week 2**: Chapters 1, 4, and 5; pages 16-19; 84-86
- **Week 3**: Chapters 15, 16, 17, and 18; pages 175-179; 283-287; 342-345
- **Week 4**: Chapters 15, 16, 17, and 18; pages 175-179; 342-345
- **Week 5**: Chapters 15, 16, 17, and 18; pages 175-179; 342-345
- **Week 6**: Chapters 15, 16, 17, and 18; pages 175-179; 342-345
- **Week 7**: Chapter 11
- **Week 8**: 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 |

**September 23 – Last day to add/drop by Cyberbear – Autumn 2002.**

**October 14 – Last Day to drop/adds (No $$$ Back) – Autumn 2002.**


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