

Living on the Edge: Global Climate Change and Earth History (Geol 390)

Tentative Schedule

| Week # | Chapter/Topic | Study ideas |
|-----------------------|--|--|
| 1 Jan 12 & 14 | Ch1 Introduction and over view | Week 1 |
| 2 Jan 19 & 21 | Ch2 Systems / Daisy World | Week2 |
| 3 Jan 26 & 21 | Ch3 Energy Balance & Greenhouse Effect | Week3 |
| 4 Feb 2 & 4 | Ch4 The atmosphere | Week4 |
| | Exam #1 Tuesday Feb 9 (up to page 70 but not to include Global Distribution of Temperature and rainfall) | |
| 5 Feb 9 & 11 | Wrap up chapter 4. | Week 5 |
| 6 Feb 16 & 18 | Ch5 Oceans El Ninos and Hurricanes | Week 6 |
| 7 Feb 23 & 25 | Hydrologic Cycle Ch6 Cryosphere No class meeting Mar 3 Work through Hydrological cycle Module at MetEd found in week7 link at right. | Week7 |
| 8 Mar 1 & 3 | | |
| 9 Mar 8 & 10 | Exam #2 Thursday Mar 10 Study week 5, 6 & 7 material. Especially the material with *** | |
| Mar 14 thru 18 | Spring Break | |
| 10 Mar 22 & 24 | Finish Artic Sea Ice (Cryosphere PPT slides 42 to end) Ch7 Plate Tectonics/ Volcanoes | Cryosphere SolidEarth |
| 11 Mar 29 & Mar 31 | Ch 8. Carbon Cycle | CarbonCycle |
| 12 Apr 5 & 7 | Carbon Cycle (cont) ice age. | |
| 13 Apr 12 & 14 | Energy challenges (Unit 10 Habitable Planet) Snow ball earth | EnergyChallenges snowball |
| 14 Apr 19 & 21 | Ch 12. Long term Climate regulation Cracking the ice age. Ch 14 The Pleistocene | Pleistocene |
| 15 Apr 26 & Apr 28 | Ch15. Holocene and recent and future climate Ch 16. Impacts , Adaptation, Mitigation | Climate Change |
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| Finals weeks | Final Exam Thursday May 5 11:00 to 1:00 | |
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Geology 390 Tentative Schedule, Spring 2016