

SIO 40 2007: Post-wildfire revised lecture, assignment and exam schedule

Lecture list, reading and homework assignments:

| <u>Date</u> | <u>Lec #</u> | <u>Lecture Topic</u> | <u>Reading/HW</u> |
|-------------|--------------|--|--------------------|
| Sep. 28 F | 1 | Introduction, basics | TES Chapter 1 |
| Oct. 1 M | 2 | Overview of global change over various timescales | " " " |
| Oct. 3 W | 3 | Origins: Planetary evolution | TES Chapter 10 |
| Oct. 5 F | 4 | Origins: Biological evolution | " " " HW1 |
| Oct. 8 M | 5 | Life's Beginnings: How the planet changed with life I | TES Chapter 11 |
| Oct. 10 W | 6 | Life's Beginnings: How the planet changed with life II | " " " |
| Oct. 12 F | 7 | Atmosphere: Energy balance and greenhouse effect | TES Chapter 3 HW2 |
| Oct. 15 M | 8 | Atmosphere: Circulation and hydrologic cycle | TES Chapter 4 |
| Oct. 17 W | 9 | Ocean circulation | TES Chapter 5 |
| Oct. 19 F | 10 | Lithosphere | TES Chapter 7 HW3 |
| Oct. 22 M | | CLASS CANCELLED | |
| Oct. 24 W | | CLASS CANCELLED | |
| Oct. 26 F | | CLASS CANCELLED | |
| Oct. 29 M | 11 | Carbon Cycle I - The Biosphere | TES Chapter 8 |
| Oct. 31 W | 12 | Carbon Cycle II - Inorganic Carbon | |
| Nov. 2 F | 13 | Review | HW4 |
| Nov. 5 M | | MID-TERM EXAM | |
| Nov. 7 W | 14 | Long-term climate record I | TES Chapter 12 |
| Nov. 9 F | 15 | Long-term climate record II | " " " |
| Nov. 12 M | | HOLIDAY VETERAN'S DAY | |
| Nov. 14 W | 16 | Mass extinctions in Earth history | TES Chapter 13 |
| Nov. 16 F | 17 | Glaciations | TES Chapter 14 HW5 |
| Nov. 19 M | 18 | Short-term climate variations I | TES Chapter 15 |
| Nov. 21 W | 19 | Short-term climate variations II | " " " |
| Nov. 23 F | | HOLIDAY THANKSGIVING | |
| Nov. 26 M | 20 | Global warming I | TES Chapter 16 HW6 |
| Nov. 28 W | 21 | Global warming II | " " " |
| Nov. 30 F | 22 | Ocean acidification | Supplement HW7 |
| Dec. 3 M | 23 | Ozone loss | TES Chapter 17 |
| Dec. 5 W | 24 | Biodiversity and modern extinctions | TES Chapter 18 |
| Dec. 7 F | 25 | Concluding remarks/Review | HW8 |
| Dec. 10 M | | FINAL EXAM, 11:30 am | |