Environmental Studies ENVR 30: Intro to Science of the Environment

Course Structure

- **Course Website:** physics.ucsd.edu/students/courses/fall2010/envr30
- **Class meeting times:**
  - Lectures in CNTR 113, 11-11:50am, MWF
- **Exams:**
  - Midterm Fri, Nov 5 in class
  - Final Tues, Dec 7, 11:30am-2:30pm
- **Homework due on Fri in class**
  - Pick one discussion section for help with homework and discussion of issues.
  - Monday 9am, or Monday 1pm: York 3050A
  - Wednesday 3 or Wednesday 4pm: SSB 106
  - Friday 12pm or Friday 1pm: U413A 3

Grading

<table>
<thead>
<tr>
<th>Weight</th>
<th>What</th>
<th>Due</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>45%</td>
<td>Final</td>
<td>Tues Dec 7</td>
<td>11:30am-2:30pm, in class</td>
</tr>
<tr>
<td>25%</td>
<td>Midterm</td>
<td>Fri Nov 5</td>
<td>In class</td>
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<tr>
<td>20%</td>
<td>Graded homework</td>
<td>Fridays, in class</td>
<td>Graded 0-3, mostly on effort (&amp; spot check)</td>
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<tr>
<td>10%</td>
<td>Discussion section attendance/ participation</td>
<td>Once per week</td>
<td></td>
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<tr>
<td>Up to 5%</td>
<td>In class participation</td>
<td>daily</td>
<td>Midterm or final will count less</td>
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</tbody>
</table>

Resources

- Your Fellow Students!
  - Encouraged to work together on homework, exercises (but not on exams!). HOWEVER: ALL WORK MUST BE WRITTEN ENTIRELY BY YOU! (otherwise it is cheating)
- **Professor:** Kim Griest
  - Office in HERF building, Room 337, office hours Thursdays 11-12 PM, or by appointment, 858.534.8914, or drop in any time (call first to see if I am there!)
- **Teaching Assistants:** Allison Weston (aweston@ucsd.edu)
  - Graeme Moody (gemoody@ucsd.edu)
- Web: physics.ucsd.edu and follow links to course web pages
- Texts:
  - *Environmental Science: Systems and Solutions, 4th edition* McKinney, Schoch, and Yonavjak
  - *Cadillac Desert, Marc Reisner*

Question

- What Year are you?
  
  A. Freshman
  B. Sophomore
  C. Junior
  D. Senior
  E. Other
Question

Why are you taking this class?

- A. Minor in Environmental studies
- B. Some other GE requirement
- C. Only interest
- D. Not sure
- E. Other

Question

What environmental courses have you already had?

- A. None
- B. High school course
- C. One other intro course
- D. Several others
- E. Other

How Much!? ⭐⭐⭐⭐⭐

- We want to be quantitative, but the math itself is straightforward
- That does not mean the ideas are trivial!
- We will be using
  - Unit conversions (e.g. barrels of oil into kilowatt hours)
  - Simple graphs
  - Occasional basic algebra (rearranging equations a bit)
  - Averages
- Don’t let it psych you out when you see it…

Expectations

- Attend lectures and discussion section
- Participate!
  - Think and use voting card
  - If it doesn’t make sense, ask! Everyone learns that way.
  - Don’t be bashful about speaking up. We can learn from each other
- Do the work:
  - It’s the only way this stuff will really sink in
  - Exams become easy
- Explore, think, ask, speculate, admire, enjoy!
  - Bring interesting topical ideas to class

Any Questions on Course Structure?