ES265 - Syllabus

Instructors
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Class website: http://www.es.ucsc.edu/~fnimmo/website/eart265.html
Classes are TuTh 11:40-1:15pm D226, E&MS
Office hours: TuTh 1:15-2:15pm (FN); We 2:30-3:30pm, Th 2:15-3:15pm (PC).

Class description
The course focuses on how to estimated answers to problems on your feet, with few resources other than what you have in your head already. One important tenet is that the only way to get better at solving problems is doing problems.

Topics covered:
- Material properties
- Energy and the environment
- Heat and mass transfer
- Waves and oscillators
- Fluids and turbulence
- Natural disasters

Examples will be drawn from various disciplines:
- Planets
- Oceans and Atmospheres
- Energy and the Environment
- Plants and Animals
- Real life

Evaluation
- Class participation: 20%
- Problem sets: 40%
- Final: 40%