G&G 401b/501b  Radiative Transfer and Climate – Course Information
MWF 9:30-10:20, KGL 119

Instructor: Steven Sherwood
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Course home page:  http://www.geology.yale.edu/~sherwood/GG401b.html
Course office hour: TBD

Main textbook:

Course notes, to be handed out in class.

Optional references


Also books by Lenoble, Goody and Yung, Stamnes, and Bohren.


Hartmann, D., *Dynamical Climatology*, Academic Press, 1993


Prerequisites: I will assume that students have completed introductory physics courses covering simple mechanics, electrostatics, mathematical description of waves, and basic concepts in quantum mechanics. Students who are unsure of their preparation should consult with me. Some of the assignments will require running computer codes, either on your own machine or machines in the department, and performing computations.

Course assignments:

Weekly problem sets.

Midterm exams  Friday Feb. 20
               Friday Mar. 26, in class.

Final exam or project

Grading:

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<tr>
<th>Assignment Type</th>
<th>Percentage</th>
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<tr>
<td>Weekly problem sets</td>
<td>20%</td>
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<tr>
<td>Midterms</td>
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<td>Final exam/project</td>
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