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5.95J / 6.982J / 7.59J / 8.395J / 18.094J Teaching College-Level Science and Engineering
Spring 2009

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5.95 (Spring 2009)

Homework 8

Due in class on Tuesday, 12 May 2009.

This assignment is designed to help you integrate and apply all the ideas from the semester.

1. Your question

Reflect on the whole course, on any teaching experiences you had (as a student or a teacher), or on your experience doing the next problem – and think of one question about teaching that you still wonder about.

Bring the question with you to lecture (no need to turn it in). Your questions will be the basis for the final session (summary and Q&A).

2. Final assignment: reflective memo

Write a short memo (say, 2 or 3 pages) on how you would teach a one-semester or one-quarter course on 'Teaching College-Level Science and Engineering'. Imagine that your department head has asked you to teach it, and gives you carte blanche to design and teach it how you think best.

What are the most important ideas in the subject? What goals would you have for the students? What topics would include? How would you structure classroom time, projects, homeworks, practical sessions – or whatever you think most appropriate? Explain your choices.

Turn in your memo in lecture on 12 May.