

**MATH 311/510 HOMEWORK-1 DUE AT THE BEGINNING OF CLASS ON
TUESDAY, SEPTEMBER 9.**

- (1) Contact a high school or middle school and arrange for (at least some of) your observations for the semester. If possible, observe once, but this is not required before Tuesday. Bring to class the name and address of the school where you will observe. Also bring the name of the teacher whose class you will visit, or let me know that you will be with different teachers.
- (2) A requirement for this course is for students to become familiar with the New York State Code of Ethics for Educators and with the InTASC dispositions. Find the New York State Code of Ethics on-line, and print out a copy. Go to the Stony Brook PEP website, and click on "Standards." From there, find the InTASC page. Then find the InTASC Model Core Teaching Standards. Write down any one set of the "critical dispositions."
- (3) Please carefully read the article:

Cobb, P., Yackel, E., & Wood, T. (1992). A Constructivist Alternative to the Representational View of Mind in Mathematics Education. *Journal for Research in Mathematics Education* 23(1), 2-33.

You should be able to access this article from the SB Library, via JSTOR. Please come to class prepared to discuss this paper. Write 3 questions to share with the class. These could be questions to stimulate discussion of ideas that interest you, or they could be questions meant to clarify your own understanding of the paper.