

MATH 5520 ALGEBRA FOR TEACHERS

SEMESTER: Summer 2011

INSTRUCTOR: Dr. David Cochener

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OFFICE HOURS: 8:30 – 9:30 daily. Others by appointment.

TEXT: *Mathematics for High School Teachers, An Advanced Perspective*

COURSE OBJECTIVES:

- 1) To provide current and prospective high school teachers with an advanced treatment of algebra to help them better understand the connections between the mathematics that they will be teaching and the mathematics learned in college.
- 2) To develop and enhance critical thinking and problem solving skills.

HOMEWORK:

Regular assignments will be given. These should be completed by the class period following the one in which they were assigned. These assignments will be graded and will count as 25% of the final grade.

TESTS: There will be two exams, a mid-term and a final, each of which will count as 30% of the final grade. The final is during class on Friday, July 8.

PROJECTS: There will be a problem-analysis project which will count as 15% of the final grade. These will be due Thursday, July 7.

SPECIAL NOTE: Please turn off all cell phones and other electronic devices before coming in to class.