

**GRSC 7770**  
**Seminar for Graduate Teaching Assistants**  
**Fall 2006**  
**Tuesdays 3:15-5:00 p.m.**  
**Boyd 323**

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**Course Description**

The GRSC 7770 Teaching Seminar is designed to familiarize you, the new graduate teaching assistant, with effective approaches to teaching, as well as with the support services available to you. This course will also address common issues which arise in mathematics classrooms and answer any inquiries or concerns that you may have. We will discuss these issues in detail and do mock classroom lectures in an attempt to make your teaching experience an exciting and fulfilling one. I hope that you enjoy this seminar and that you find it informative and beneficial!

**Text**

*Teaching First: A Guide for New Mathematicians* by Thomas W. Rishel  
This text will be provided to you by the department. You will also be given handouts from *Teaching Mathematics in Colleges and Universities: Case Studies for Today's Classroom*.

**Requirements and Evaluations**

1. You will be responsible for keeping current on the assigned readings, as well as attending our meetings regularly and actively participating in the discussions. I require that you give Dr. Kazez or me prior notice if you are unable to attend class. Missing **two or more** meetings may be grounds for receiving an "unsatisfactory".
2. You will be required to give a mock lecture on a topic assigned to you. This lecture will be videotaped and viewed then discussed by the class during the following meeting.
3. Finally, you will be required to observe **two different** experienced teachers throughout the semester and write a brief assessment of their teaching style and classroom methodology. This can include experienced graduate student teachers specified by Dr. Kazez or myself.

**Disability or Health Related Issues:**

Students with a disability or health related issue who need a class accommodation should make an appointment to speak with me as soon as possible.

**Academic Honesty:**

All academic work must meet the standards contained in "A Culture of Honesty". Each student is responsible for becoming informed about those standards before performing any academic work.

## Schedule at a Glance

<u>Week</u>	<u>Topic</u>	<u>Reading</u>
One	What Should Be in a Syllabus Preparation and Organization	p. 13-15 Handout
Two	Syllabus Critique Making Up Exams and Quizzes	p. 39-41
Three	Exam Critique Fair Grading and Grade Distribution	Handout
Four	Academic Honesty Policies: Guest Speaker: Debbie Bell	
Five	Motivating Students Teaching Methodologies	p.47 p. 61-63
Six	Special Teaching Situations Student-Teacher Conflicts	Handout Handout
Seven	Disability Services Guest Speaker: Leigh Jagor	
Eight	<b>Field Trip!</b>	
Nine	Mock Lectures	
Ten	Lecture Screening and Peer Evaluations	
Eleven	Mock Lectures	
Twelve	Lecture Screening and Peer Evaluations	
Thirteen	Mock Lectures	
Fourteen	Lecture Screening and Peer Evaluation	
Fifteen	Calculus Homework On-Line Presented by: Will Kazez	
Sixteen	Wrap Up and Course Evaluations	

**This course syllabus is a general plan for the course. Deviations announced to the class by the instructor may be necessary.**