GRSC 7770 Graduate Teaching Seminar

Fall 2018

Instructor:	William E. Olsen	**Time:**	R 3:30 – 4:45pm
Email:	wolsen@uga.edu	**Place:**	303 Boyd Graduate Studies

Course Webpage: eLC

Office Hours: After class, or by appointment.

Main References: This is a restricted list of useful books that will be touched on during the course. You need to consult them occasionally.

- The *MAA Instructional Practices Guide*.
- Steven G. Krantz, *How to Teach Mathematics*, American Mathematical Society, 1991.

Course Description: The primary goal of this seminar is to prepare graduate students for their roles as teaching assistants (and graduate student teachers) in the Department of Mathematics. A portion of the seminar will be devoted to department and university policies and procedures related to teaching. We will also discuss the roles that teaching assistants play in the department and how to balance that role with other responsibilities. Most importantly, we study and discuss effective teaching practices for undergraduates and why these practices are important in both academic and professional positions.

Specific learning goals: We will use a variety of formats (e.g., small-group-discussion, presentations) to explore the ins and outs of teaching mathematics as a graduate student. By the end of this course you will be introduced to:

- how to set the stage for your first class.
- motivation in the college classroom.
- assessments and rubrics.
- teaching culturally diverse students.
- dealing with student problems and problem students.
- inquiry-based learning.
- teaching controversial issues.
- teaching opportunities at UGA.

Grading Policy: Course grades will be assigned as either S/U (Satisfactory/Unsatisfactory). To receive an S, students must:

- Complete all required readings and assignments.
- Participate in class and provide peer feedback.
- Have no more than two unexcused absences.

Communication: To comply with the Family Educational Rights and Privacy Act (FERPA), all communication that refers to individual students must be through a secure medium (UGAMail or eLC) or in person. Instructors are not allowed to respond to messages that refer to individual students or student progress in the course through non-UGA accounts, phone calls, or other types of electronic media.

Academic Honesty: It is each students responsibility to be familiar with University policy on academic honesty (read *A Culture of Honesty: Policies and Procedures on Academic Honesty*). See http://www.uga.edu/honesty/ahpd/culture_honesty.htm. Any evidence of academic dishonesty will be turned over to the Office of the Vice President for Academic Affairs, for consideration and possible action. All students have the right to appeal any decision following the appeals process outlined in *A Culture of Honesty*.

Disabilities: I am happy to accommodate any documented disabilities. If you are eligible for accommodation please contact me early in the semester with proper documentation from Disability Services. Contact Disability Services (542-8710) about requesting accommodations.

Week	Date	Topics	Assignment Date	Assignment Due
1	08/16	Introduction to GRSC 7770 Slideshow on "Data driven teaching strategies"	Reading assignment 1: A Declaration of values	
2	08/23	Discussion: A declaration of values How to write a syllabus	Reading assignment 1: pages 1 → 5	
3	08/30	Guest lecture: Philip Griffeth–Academic Honesty	Reading assignment 2: pages 8 → 15	
4	09/06	Discussion: Classroom practices How to make a website	Reading assignment 3: pages 18 → 22	Syllabus due!
5	09/13	Guest lecture: Dr. Michelle Cook–Teaching diverse students	Reading assignment 4: pages 30 → 35	
6	09/20	Discussion: Classroom practices	Reading assignment 5: pages 35 → 42	
7	09/27	Guest lecture: Judy Milton–Teaching portfolios	Reading assignment 6: pages 53 → 58	
8	10/04	Discussion: Assessment practices Making the grade 1	Reading assignment 7: pages 59 → 63	Website due!
9	10/11	Discussion: Assessment practices Video recording 1	Reading assignment 8: pages 66 → 73	
10	10/18	Discussion: Assessment practices CTL class review	Reading assignment 9: pages 103 → 104	
11	10/25	Discussion: Design practices Video recording 2	Reading assignment 10: pages 105 → 108	
12	11/1	Discussion: Design practices Making the grade 2	Reading assignment 11: pages 109 → 111	Observation analysis due!
13	11/8	Discussion: Design practices Video recording 3	Reading assignment 12: NONE	
14	11/15	Review of "Data driven teaching strategies" More resources from the math department		
15	11/29	Discussion Meet and greet with MATH 9005		