

GRSC 7770: A Field Guide to Teaching MATH 1113

William E. Olsen

wolsen@uga.edu

University of Georgia
Fall, 2018

Last updated October 18, 2018.
The latest version is online [here](#).

Contents

1	Overview	3
1.1	Pedagogy	3
1.2	Concrete outcomes	3
2	A Call to Action	3
3	Teaching Models	3

Contents by Lecture

Lecture 1 on 13 August 2018	3
Lecture 3 on 17 August 2018	3

1 Overview

Here is a brief overview of the course.

1.1 Pedagogy

Teaching pedagogy is hard for several reasons

1. It's likely that you don't know much about it.
2. There's a surprisingly large amount of literature, and it's hard to navigate.

1.2 Concrete outcomes

There are several concrete outcomes that should be produced during this course. They are:

1. Every student should have a website posted on the UGA directory. With a thumbnail picture.
2. This website should have a CV.
3. Every student should have created their own syllabus, and be familiar with the rules of syllabi.
4. Every student should have a 10 minute video of them teaching.
5. Every student should have evaluated another professor on their teaching abilities.

Other activities which I think are important

1. Have *cheating* day.
2. Have *syllabus* day.
3. Have other graduate students come in and have a panel.
4. Have website with teaching advice on it. 'What I wish I knew the first time I taught'...
5. Much of what this course is collecting information and resources for students.
6. Have *grading* day (probably two!)

2 A Call to Action

Teaching STEM well is an imperative. It's important. Do it.

3 Teaching Models

We should teach models using *active learning*. Meta!!