

# Math 300: Junior Colloquium

## Spring 2017

Jay Daigle

### Course Goals

This course has three main goals:

1. To prepare you for Part 1 of the Comprehensive Exam by helping you to review and develop mastery of the five fundamental courses of the math major: Differential and Integral Calculus, Multivariable Calculus, Discrete Mathematics, and Linear Algebra.
2. To help you develop your abilities to communicate your ideas, especially your mathematical and technical ideas, through writing and through speech.
3. To help you become informed about the range of opportunities available to you as math majors, both over the next year and after you graduate.

### Instructor Info

<b>Lectures:</b>	Thursday 10:05–11:30 AM	Fowler 301	
<b>Instructor:</b>	Jay Daigle	<b>Office Hours:</b>	MWF, 12:30 - 1:45 PM
<b>Office:</b>	Fowler 305	<b>Often in Office:</b>	MWF, 10:40 - 1:45 PM, 3:00 - 4:00 PM
<b>Email:</b>	<a href="mailto:gdaigle@oxy.edu">gdaigle@oxy.edu</a>		R, 11:30 - 1:30 PM, 4:30 - 5:00 PM
<b>Course Webpage:</b>	<a href="http://jaydaigle.net/colloquium">http://jaydaigle.net/colloquium</a>		

### Grading

#### Comps Part 1 Exam Score: 20%

20% of your grade will be determined by your score out of 100 on the Comps Part 1 exam you take in March. Any later retakes of the exam will not affect your score.

#### Writing assignments: 20%

During the term you will be asked to complete a number of written assignments, both short and long. These assignments will help you review the fundamental courses, and also develop your skills as a writer.

#### Presentations: 20%

During the term you will be asked to give several short presentations and talks. These will help you develop your skills as a communicator and presenter, which are critical to nearly any career path. We will also use them to help you review the fundamental courses.

#### Participation: 25%

I will evaluate your participation in two ways:

First, an important part of developing as a communicator is critically evaluating others' communications, and receiving feedback of your own. I will ask you to give feedback to your peers' written and spoken presentations.

Second, unless you have a standing and unmovable commitment, and discuss this in-person with me, you are required to attend the Senior Comps talks. I will update you when I find out the schedule.

#### Other assignments: 15%

From time to time you will have non-writing or -speaking related assignments, especially practice comps test sections.