

Math 300: Junior Colloquium

Spring 2018

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

Lectures:	Thursday 1:30 - 2:55 PM	Fowler 110
Instructor:	Jay Daigle	Office Hours: MWF, 12:45 - 1:45 PM
Office:	Fowler 325	Often in Office: MWF, 12:15 - 1:45 PM, 4:00 - 5:00 PM
Email:	gdaigle@oxy.edu	T, 12:30 - 1:30 PM, 4:30 - 5:00 PM
Course Webpage:	http://jaydaigle.net/colloquium	R: 12:30 - 1:30 PM, 3:00 - 3:30 PM

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 exams you take over the course of the term. This means that each section will be worth 4% of your final grade. 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.

Peer Feedback: 20%

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. This will basically be graded on participation.

Included in this, I will require you to attend the two Honors Comps presentations that will be scheduled for later in the term.

Other assignments: 20%

From time to time you will have non-writing or -speaking related assignments. Included here will be practice comps test sections leading up to the comps exam.