

# Math 55

with Jeffrey Doker

**Class** begins on Monday, 25 June and goes until Friday, 17 August. We will meet on weekday mornings from 8-10. We'll spend the first hour of each day in 70 Evans, and then we'll go to 210 Wheeler for the second hour.

**Office hours:** Wednesdays and Fridays from 10-11:30, or by appointment.

**Office:** 1065 Evans.

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**Webpage:** [math.berkeley.edu/~doker](http://math.berkeley.edu/~doker)

**Text:** Kenneth H. Rosen, *Discrete Mathematics and its Applications*, 6th edition, McGraw-Hill.

**Grading:** There will be two grading options:

- |    |               |    |               |
|----|---------------|----|---------------|
| 1. | 10% Quizzes   | 2. | 25% Midterm 1 |
|    | 15% Homework  |    | 35% Midterm 2 |
|    | 20% Midterm 1 |    | 40% Final     |
|    | 25% Midterm 2 |    |               |
|    | 30% Final     |    |               |

I'll use whichever option gives you the better grade. I do not recommend option 2.

**Homework** will be assigned twice a week. **Quizzes** will be held once a week. You'll be able to drop two homeworks and one quiz, so no make-ups. I will post homework assignments and quiz solutions on my webpage.

**Exams** will be held in class on three Fridays:

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|------------|-----------|
| Midterm 1: | 6 July    |
| Midterm 2: | 27 July   |
| Final:     | 17 August |

The final will be the full two hours. The two midterms may be one or two hours. I haven't decided that yet.

**Syllabus:** The first week or two we will go through the entire book, hitting just the most important concepts and examples. I'll give you a midterm on this. Then we will start over and go through the book a second time, picking up all the details we missed the first time through. The second midterm and the final will each cover essentially half of the total material of the course. I'll make the final a bit cumulative though, so it will be worth a little more than the second midterm.

I will post a more detailed, section-by-section syllabus on my webpage.