

# Math 11 Section 001

## Introduction to Discrete Structures

### Fall 2011

**Professor: Dr. Jason McCullough**

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Office Hours: TuTh 9:40-10:30am, 3:40-4:30pm, and by appt.

**Primary Lectures** TuTh 8:10 - 9:30am - OLMH 421

#### Discussion Sections

You should be registered for one of the following secondary lecture sections. You MUST attend the section for which you are registered.

Sec	TA	Day/Time	Room
002	Andrew Monnot ( <a href="mailto:monnot AT math.ucr.edu">monnot AT math.ucr.edu</a> )	F 11:10am - 12:00pm	MSE 11
003	Andrew Monnot ( <a href="mailto:monnot AT math.ucr.edu">monnot AT math.ucr.edu</a> )	F 1:10pm - 2:00pm	MSE 11

#### Textbooks

- “Discrete Mathematics (Shaum’s Outline)’ by Seymour Lipschutz and Marc Lipson

## Homework

Homework problems will be listed online on the course iLearn page. You are expected to work the problems on your own to prepare for the exams. They will not be collected. However, the TA and I will go over many of these during class and you are always welcome to ask questions about them.

## Quizzes – 10%

Quizzes will be given in your discussion sections. There will be **no makeup quizzes** and you must take the quiz in the discussion section for which you are registered section. Your lowest quiz score will be dropped.

## Exams – 90%

There will be one midterm and one final exam. The midterm counts for 40% of your final grade, the final counts for 50% of your final grade. The final exam will be cumulative. You must present your student ID on exam days or your exam will not be accepted. The exam dates are:

Midterm - Tuesday, October 25 (during lecture)

Final Exam - Saturday, December 3, 8:00am-11:00am

If you cannot come to an exam, you have to make arrangements within the first two weeks of the course. We will only accept a very few reasons for not attending one of the exams. Those reasons are limited to: religious reasons, interviews for scholarships, and participation in intercollegiate sports. For other legitimate absence (e.g. serious illness), you must provide documentation explaining the absence.

If you have a disability and the university has determined that you require special accommodations for exams, please let me know and get the relevant documentation to me by October 8.

You will receive a grade for each of the midterms and the final exam. I will grade them on a standard scale (90-100 = A, 80-89 = B, 70-79 = C, 60-69 = D, 0-59 = F), with a possibility of curving scores up if I deem it necessary. Note: Petitions about grading of specific problems or homework scores may only be done within 1 week of when the papers are handed back. After that 1 week, all grades are final.

### **Academic Integrity**

Cheating will be taken very seriously. Every attempt to cheat will give you an automatic F for the course. You will not be allowed to drop the course, and your case will be forwarded to the student conduct committee.

### **Calculator Policy**

As per math department policy, no calculators will be allowed on quizzes or exams. You may use them on homework, but it is recommended that you complete as much of it without a calculator as possible so that you are prepared for the exams.

### **Course Topics**

1. Chapter 1 - Set Theory
2. Chapter 2 - Relations
3. Chapter 3 - Functions and Algorithms
4. Chapter 4 - Logic and Propositional Calculus
5. Chapter 5 - Vectors and Matrices
6. Chapter 6 - Counting
7. Chapter 7 - Probability Theory
8. Other topics as time allows...

### **Classroom Decorum**

Out of respect for your classmates, I ask that you arrive to class on time everyday. If you are late, please enter quietly and quickly. Keep cell phones

and beepers turned off. If your behavior is disruptive to the rest of the class, you will be asked to leave.

### **Important Dates**

October 7 - Last day to add/drop on GROWL with no fee.

November 4 - Last day to withdraw from a class with a 'W'.