

**Mathematics 374, Discrete Structures.
Section 001 Spring 2009.**

Instructor: Matthew Boylan.
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Office hours: Tues. 9 - 10, Weds. 3:30 - 4:30, Fri. 11 - 12, and by appointment.

- **Course Webpage:**

<http://www.math.sc.edu/~boylan/SCCourses/374Sp09/374.html>

- **Prerequisite:** Math 142 and CSCE 146.

- **Text:** Gersting. Mathematical Structures for Computer Sciences, 6th ed., W. H. Freeman, 2007.

- **Course objectives:** Students will master concepts and solve problems on propositional and predicate logic; proof techniques; recursion and recurrence relations; sets, combinatorics, and probability; functions, relations, and matrices; algebraic structures.

- **Class schedule:** You are expected to be present at all class meetings.

Lecture : MWF 2:30 - 3:20 LeConte 405

In accordance with official USC policy, a grade penalty may be applied to any student missing more than 3 classes (10%) during the semester.

- **Homework:** Homework will be assigned each lecture but not collected. You are responsible for understanding all assigned homework.

- **Quizzes:** Weekly quizzes will be given based on the homework. Missed quizzes will not be made up.

- **Exam schedule:** (3 one-hour exams and a cumulative final exam)

Exam 1 :	Friday	February 13	2:30 - 3:20	LeConte 405
Exam 2 :	Friday	March 20	2:30 - 3:20	LeConte 405
Exam 3 :	Friday	April 17	2:30 - 3:20	LeConte 405
Final exam :	Wednesday,	April 29	2:00 - 5:00	LeConte 405

Missed exams will not be made up. Exceptions may be made for **documented** illness/family emergency.

- **Calculators:** Calculators (and computer software such as Maple) may be used on homework unless otherwise noted. They may not be used to do quizzes or exams.

- **Other policies:**

- (1) Cell phones and other electronic devices are to be **turned off or put on silent or vibrate mode** during class meetings.
- (2) Quiz and exam grades may be discussed only up to 7 days after being returned.

- **Grading:**

Three hour exams :	100 pts. x 3	15% x 3
Final exam :	200 pts.	30%
Quizzes :	150 pts.	25%
Total :	650 pts.	100%

Letter grades will be given according to the following approximate scale:

A	B	C	D	F
90 – 100	80 – 90	70 – 80	60 – 70	0 – 60

Note: The deadline to drop a course without a WF is Monday, February 23.

- **Other help resources:**

Math Lab :	LC 105; The schedule should be on the door.
Private tutor list :	http://www.math.sc.edu/mathlab/private/
374 websites from past semesters :	http://www.math.sc.edu/courses.html

- Please do not hesitate to contact me at any time if you have questions or problems relating to this course. Best wishes for an enjoyable and productive semester!