

**University of South Carolina**  
**Math 574: Discrete Mathematics I**  
**Section 001**  
**Summer I 2012**

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**Instructor:** Austin Mohr  
**Text:** Discrete Mathematics with Applications  
Fourth Edition  
Susanna S. Epp  
**Time:** MTWTh 10:30am–12:45pm  
**Room:** LeConte 310  
**Office:** LeConte 104 (sometimes 105)  
**Office Hours:** MTWTh 9:30am–10:30am  
**Email:** austinmohr@gmail.com  
**Cell:** (803)-543-8735  
**Course Website:** <http://www.austinmohr.com/math574>  
**Final Exam:** Thursday, June 28 at 10:30am

## Learning Outcomes

Students will master foundational concepts in discrete mathematics, including: set theory, logic, proof techniques, and elementary combinatorics.

## Grading Scale

A: 90–100, B+: 85–89, B: 80–84, C+: 75–79, C: 70–74, D+: 65–70, D: 60–65, F: below 60

## Assignments

Pre-Class Homework	10% total
Post-Class Homework	30% total
Midterm Exam	30%
Final Exam	30%

## Attendance

As per University policy, you may miss two days of class without penalty (no excuse needed). After that, two percentage points will be deducted from your final grade for each absence.

## Extra Help

- Me: Come to my office hours or email/call me to schedule another time.
- Math Tutoring Center: Free, walk-in tutoring sessions are available through the math department Monday - Thursday in LeConte 105 from 10am - 4pm.  
(More info: [www.math.sc.edu/mathlab.html](http://www.math.sc.edu/mathlab.html))
- Academic Centers for Excellence: Free tutoring sessions available by appointment through the Student Success Center.  
(More info: [www.sc.edu/ace](http://www.sc.edu/ace))
- Private Tutor: The math department maintains a list of private tutors who will work for a modest fee.  
(More info: [www.math.sc.edu/mathlab/private](http://www.math.sc.edu/mathlab/private))

## Tentative Course Outline

<b>M</b>	<b>T</b>	<b>W</b>	<b>Th</b>
2.1–2.2	2.3, 3.1	3.2, 3.4	4.1–4.2
4.6–4.7	5.2–5.4	5.6–5.7	6.1–6.3
Midterm	7.1–7.2	9.2–9.3	9.4–9.5
More 9	10.1–10.2	10.3–10.4	10.5, 10.7
Projects	Projects	No Class	Final