Instructor: Daryl Falco
Course Website: http://www.math.drexel.edu/~dfalco/Math221_Summer_11_day/
Office: Korman 258
Phone: 215-571-3585
E-mail: dlf25@drexel.edu
(You must write down Math 221 in the subject field of any e-mail.)
Office Hours (held in the Math Resource Center – Korman 247):
Mondays 3:00 – 4:00 pm; Wednesdays 5:00 – 6:00 pm


Goals and Expectations:
Math 221 is a one-quarter course designed to introduce you to the study of discrete mathematical structures in analytic problem-solving. Topics include proof techniques, set theory, probability and combinatorics, relations, the algebra of functions, and graph theory.

Quizzes, Exams and Grading:
There will be at least one (unannounced) ten-minute quiz given each week and these together will count as one exam score.
There will be two fifty-minute midterm exams given during the common exam time (8:00 – 8:50 a.m.) on the fourth and eighth Thursdays of the term (July 14, August 11).
There will be a comprehensive final exam given during finals week.
Make-up exams are offered only under exceptional circumstances (documented in writing), only if approved before the scheduled exam, and always during the final exam period at the end of the term.
Travel plans are not a legitimate reason for missing a quiz or exam. There are no make-ups for quizzes.

Your final average will be based on:
Quiz Average: 25%
Midterm Exams: 50% (25% each)
Final Exam: 30%

Your final letter grade will be based on your final average:
Plusses and minuses will be assigned at the discretion of the instructor.
Practice Problems:
The best way to be prepared for the quizzes and exams is to do problems. A list of practice problems from the textbook will be provided on the website. Solutions to some of these problems will also be provided. Failure to do these practice problems will undoubtedly lead to poor performance on the quizzes and exams.

**Math Resource Center – Korman 247**: Go there! The MRC is staffed by faculty and teaching assistants who can help you with your math courses. During the summer term, the MRC is open Mondays through Thursdays 3:00 p.m. – 7:00 p.m. No appointment is necessary.

**Academic Honesty**: Cheating and other forms of academic misconduct are serious offenses and are dealt with harshly, e.g. at the very least a 0 on an exam and a letter sent to the Office of Student Conduct. Students are expected to be familiar with Drexel’s Academic Integrity Policy: [http://www.drexel.edu/provost/policies/academic_dishonesty.asp](http://www.drexel.edu/provost/policies/academic_dishonesty.asp)

**Disabilities and Accommodations**: Student with disabilities requesting accommodations and services at Drexel University need to present a current accommodation verification letter (AVL) to faculty before accommodations can be made. AVL’s are issued by the Office of Disability Services (ODS). For additional information, contact ODS at [www.drexel.edu/ods](http://www.drexel.edu/ods), 3201 Arch St., Street, Suite 210, Philadelphia, PA 19104, **215.895.1401** (V), or **215.895.2299** (TTY).

**Tentative Schedule**:
- **Weeks 1 - 2**: Proof Techniques and Set Theory
- **Weeks 3 - 5**: Counting and Probability
- **Weeks 6 - 8**: Relations and Functions
- **Weeks 9 - 10**: Graph Theory