Lecture Time and Place: MWF 11-11:50 in 243 Altgeld Hall
Instructor: Michael DiPasquale
E-mail Address: dipasqu1@illinois.edu
Office: 130 Altgeld Hall
Office Hours: Wednesday, 12 pm -1 pm, and Friday, 10 am-11 am
Website: http://math.illinois.edu/~dipasqu1
Course Website: http://math.illinois.edu/~dipasqu1/Math181.html


Course Description: Introduction to selected areas of mathematical sciences through application to modelling and solution of problems involving networks, circuits, trees, linear programming, random samples, regression, probability, inference, voting systems, game theory, symmetry and tilings, geometric growth, comparison of algorithms, codes, and data management.

Homework: There will be weekly homework assignments unless stated otherwise. Homework is due at the beginning of the class period on Monday mornings. Each assignment will be given to you a week beforehand so you will have sufficient time to work on the problems. Homework solutions must be written clearly and papers stapled together. I reserve the right to deduct points for messy work and unstapled pages. Late homework will not be accepted, but I will drop your lowest two homework scores.

Weekly Quizzes: There will be a quiz each Friday at the beginning of the class hour, covering material from that week. The first quiz will be Friday, August 29. The lowest two quiz grades will also be dropped.
In addition to the 2 drops, I will also allow you to make up one quiz if you miss a Friday class. To use this option you must inform me by the Wednesday before the quiz, or as soon as possible if you miss because of an emergency. You must take the makeup quiz before the next class session (in other words, before the following Monday). You may only use this option one time.

Group Projects: I may assign group projects at some point in the semester. At that point I will give you more information.

Midterm Exams: There will be three exams during the class hour. The dates are:

  Friday, September 26
  Friday, October 24
  Friday, November 21

I will announce the exam topics in class and also post them on the class website before each exam.
In the event that you miss an exam due to a last minute emergency, you need to notify me before the exam by e-mail. If you cannot notify me before the exam then you must contact me before the next class period. Failure to notify constitutes an acceptance of a zero for that exam. You will need to present official documentation excusing your absence to be allowed to take a makeup exam. (An official document is something like a doctor’s report, court papers, Emergency Dean’s note, etc. A note from McKinley saying you have visited McKinley at the exam time will not be considered official documentation. Depending on the case you might be asked to provide additional documents explaining your absence.)

Final Exam: The final exam will be cumulative and is scheduled according to the lecture in which you are enrolled. Our final exam will be held on: 8:00-11:00 AM, Wednesday, December 17.

Grading:
Homework/Group Projects 10 %
Weekly Quizzes 15 %
Midterm exams 45 % (15 % each)
Final Exam 30 %
Grade Disputes: I usually pay attention when grading your material but also I try to return them back to you in a timely manner so even with my best intentions I might make mistakes. If you feel a mistake has been made grading your homework, quizzes, or exams, you must bring it to my attention within 1 week after the homework/quiz/exam is returned in class.

Letter Grades:
A+: 96.7-100%  A: 93.4-96.6%  A-: 90.0-93.3%
B+: 86.7-89.9%  B: 83.4-86.6%  B-: 80.0-83.3%
C+: 76.7-79.9%  C: 73.4-76.6%  C-: 70.0-73.3%
D+: 66.7-69.9%  D: 63.4-66.6%  D-: 60.0-63.3%

Calculators: Calculators are not permitted in class unless I explicitly allow them. Most of the time a calculator will not be helpful anyway.

Attendance: It is your responsibility to attend class. If you miss a class or are late to class, then you need to contact someone else in the class to get the complete lecture notes, inquire after the announcements made that day with regards to the class. Once again; it is your responsibility to check the web site or to contact someone else in the class about the missed material and information.

Academic Honesty: This course adheres strictly to the University's Student Code Article 1 Part 4 Policy on Academic Integrity. Cheating on exams or indeed any aspect of the course will result in serious implications, including potentially a failing grade in the course. University policy dictates that any charge of cheating which results in a guilty decision, however small, MUST be documented both with the students college and also the Senate Committee on Academic Discipline. Cheating instances will follow you and may influence decisions made about you in the future.

Accommodation: If you are entitled to accommodations sanctioned by DRES, I need to be notified with official documentation. Please contact DRES as soon as you can about the accommodations you will need.

Classroom Decorum: You are expected to behave in the class in an appropriate manner as explained in the Student Conduct Code. Cell phones should be turned off or put into vibrate mode during the lecture. I want us to each have respect for every other person in the classroom and their learning experience.

I enjoy helping all of my students experience success in mathematics. If you do have any questions or concerns about anything concerning our class, please do not hesitate to contact me.

HAVE A GREAT SEMESTER!

Not all possible situations can be covered by one policy. If you feel you have exceptional circumstances that merit waiver of any of these policies, please inform me as soon as possible.