

MATH 1100-L02
T,F 8:30-9:45AM, LOWENSTEIN 513
FALL 2019

CONTACT INFORMATION

Instructor: John Adamski
Email: john.adamski@gmail.com
Office Hours T 10am-11am in LL 810

COURSE INFORMATION

Text: Lial, Greenwell, Rithcey, *Finite Mathematics*
Eleventh Edition, 2016. Pearson.
ISBN-13: 9780321979438
Note: You do not need a physical copy of the textbook

Websites: <http://johnadamski.com/1100f2019.html>
<https://www.pearson.com/mylab>

Blackboard: ... will be used for posting quiz/exam grades

Be Honest: <https://www.ccny.cuny.edu/about/integrity>

GRADES

25% Homework
40% Quizzes (4)
35% Final Exam (Tuesday 12/17, 9:30am)

COURSE CONTENT

This course fulfills the mathematical and computational reasoning requirement in Fordham's core curriculum. The aim of this requirement is to develop the fundamental skills involved in mathematical and computational approaches to problem solving, reasoning, and an understanding of our world. The skills also form the basis for advanced reasoning in many areas and provide a basis for testing logic, solving problems, and evaluating mathematical and computational arguments and evidence in daily life. After completing this requirement, students will be prepared to explore quantitative and computational issues in the natural sciences, the social sciences, and the humanities.

In pursuit of these aims, we will explore two main topics: probability and statistics, and mathematical finance. This corresponds to the following chapters of the textbook.

- Chapter 7: Sets and Probability
- Chapter 8: Counting Principles and Further Probability Topics
- Chapter 9: Statistics
- Chapter 5: Mathematics of Finance

OVERVIEW

Each day in lecture we will learn new material, following the syllabus (http://johnadamski.com/1100f2019/Syllabus_1100f2019.pdf). As soon as each section of the textbook is completed, homework exercises from the textbook will be posted to www.pearson.com/mylab, assigned, and due one week later. For every day that an assignment is late, 5% will be automatically deducted from your grade on that assignment. You are expected to ask questions at the beginning of class about any exercises you do not fully understand.

Quizzes and exams will be based on assigned exercises. Dates of quizzes are on the syllabus. You are required to obtain and know how to use a scientific calculator capable of handling square-root expressions and exponential expressions (e.g. $\sqrt{2}$, 1.06^3 , etc.). An affordable calculator that I recommend is the TI-30X IIS. It sells for \$15.99 on Amazon. Graphing calculators and cellphones cannot be used as a during a quiz/exam. In general, no make-up quizzes or exams will be given. If you have to miss a quiz, you must email me in advance and include a justification for your absence.

ATTENDANCE

Students are expected to attend and participate in every class. It is your responsibility to know what happens in class. The best way to fulfill this obligation is to come to every class meeting unless you are too ill to attend. I will take attendance at each class meeting because I have a duty to maintain accurate records relating to our course. I expect you to help me maintain accurate records by, for instance, not signing in for other people, and not signing in and then leaving.

ACADEMIC INTEGRITY

By being enrolled at Fordham University, students are bound to comply with the University Code of Conduct (https://www.fordham.edu/info/21684/university_regulations/3693/the_university_code_of_conduct), which includes, but is not limited to the Standards of Academic Integrity (https://www.fordham.edu/info/25380/undergraduate_academic_integrity_policy/6937/standards_of_academic_integrity).

DISABILITIES

Under the Americans with Disabilities Act, all members of the campus community are entitled to equal access to the programs and activities of Fordham University. If you have (or think that you might have) a disability that may impact your participation in the activities, coursework, or assessment of this course, you may be entitled to accommodations through the Office of Disability Services. You can contact them at 718-817-0655, disabilityservices@fordham.edu, or by visiting the lower level of O'Hare Hall (Rose Hill campus) or Lowenstein 408 (Lincoln Center campus).

Whether or not you have documentation for accommodations, your success in this class is important to me. If there are aspects of this course that are not accessible to you, please let me know as soon as possible so that we can work together to develop strategies to meet both your needs and the requirements of the course.