

**MATH 1100-L01**  
**M,TH 8:30-9:45AM, LOWENSTEIN 513**  
**SPRING 2020**

CONTACT INFORMATION

Instructor: John Adamski  
Email: jadamski1@fordham.edu  
Office Hours TBD

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>  
<https://www.pearson.com/mylab>

Blackboard: ... will be used for posting grades

GRADES

30% Homework  
40% Chapter Exams (4 – lowest grade dropped)  
30% Final Exam (Tuesday 5/12/2020, 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/statistics and mathematical finance. These topics correspond 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/1100s2020/Syllabus\\_1100s2020.pdf](http://johnadamski.com/1100s2020/Syllabus_1100s2020.pdf)). As soon as each section of the textbook is completed, homework exercises from the textbook will be posted to [www.pearson.com/mylab](http://www.pearson.com/mylab), assigned, and due one week later. You are expected to ask questions at the beginning of class about any exercises you do not fully understand.

Exams will be based on classroom examples and assigned exercises. Dates of exams are listed 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.). Two affordable calculators that I recommend are the TI-30X IIS and the TI-36X Pro (the latter has some built in functions that are helpful but not necessary). Both cost less than for \$20 from Amazon. Cellphones cannot be used as a calculator during exams. In general, no make-up exams will be given. If you do miss an exam, it will count as your lowest exam score and will be dropped when calculating your average.

### 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](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](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](mailto: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.