Math 1100: Finite Mathematics (Spring 2015)

General Information

**Time and place:** Tuesdays and Fridays from 11:30am to 12:45pm in room LL520.
**Instructor:** Ana Rita Pires, apissarrapires@fordham.edu, LL 817F.
**Course webpage:** https://piazza.com/fordham/spring2015/math1100.

Course Topics and Textbook

The textbook for this course is *Finite Mathematics*, 10th edition, by Lial, Greenwell and Ritchey, ISBN 978-0321760036. The main topics of the course are **Sets and Probability** (Chapter 7), **Counting Principles and Further Probability Topics** (Chapter 8) and **Statistics** (Chapter 9) and time permitting, **Mathematics of Finance** (Chapter 5). We will complement the statistics topic with a discussion of common misleading uses of statistics, the reading for this portion of the course is Darrel Huff’s very short book *How to lie with statistics*, ISBN 978-0393310726. Physical copies of the books are not required, electronic versions are fine.

Homework and Quizzes

Homework will be assigned weekly (on most weeks) and collected on Fridays at the beginning of class, for 5 points. There will be a short quiz at the beginning of each Friday class, consisting of questions identical or very similar to a few from the homework assignment, for another 5 points. Late homework will not be accepted and you must be on time for the quiz. However, the lowest two homework scores and the lowest two quiz scores will be dropped. You are welcome and encouraged to discuss and collaborate on the homework problems (not on quizzes), but you should understand and independently write up your own answers. At least one of the homeworks will be a short writing project, for 10 points, its score cannot be dropped.

Grade

Your grade will be determined as follows: 25% homework + quizzes, 25% first midterm exam (tentatively February 20, in class), 25% second midterm exam (tentatively March 31, in class), 25% final exam (May 5, 1:30pm, date and time set by the university). Let me know as early as possible (and before the midterm / exam!) if you have a conflict with or need to miss a midterm or exam so we can decide if and what accommodations should be made.
Attendance is not mandatory, but missing the quizzes will affect your grade directly. Attendance and class participation translate into a more interesting experience of the course (for everyone!), better learning, and consequently higher grades.

Calculators

Calculators and computers may be used on the homework problems, and non-graphing calculators on quizzes and exams. You may not store formulas or any other information in the calculator and reference it during quizzes and exams.

Getting help

Office Hours: Tuesday 2:00-4:00pm in the Math Help Room (LL 302F) and 4:00-5:00pm in my office (LL 817F), or by appointment.

Online Course Forum: You can ask and answer questions about the course and the material on our course webpage: https://piazza.com/fordham/spring2015/math1100.

Math Help Room: Help is available at LL 302F several hours per week, see the schedule posted on the door.

Academic Integrity

By being enrolled at Fordham University, students are bound to comply with the University Code of Conduct, which includes, but is not limited to the Standards of Academic Integrity. Do the right thing.

Disabilities

If you are a student with a documented disability and require academic accommodations, you need to register with the Office of Disability Services for Students (ODS) in order to request academic accommodations for your courses. Please contact the main ODS office at Rose Hill at 718-817-0655 to arrange services. Staff at ODS can walk you through the process and arrange appointments depending on which campus you take courses at. Accommodations are not retroactive, so you need to register with ODS prior to receiving your accommodations. Please see me after class or during office hours if you have questions or would like to submit your academic accommodation letter to me if you are already registered for accommodations with Fordham.