Math 045-05, Elementary Set Theory, Logic, and Probability: Fall 2017
A quick reference guide

Instructor: Johanna Franklin
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Office: Roosevelt 315A
Office hours: Mondays, 1:00–3:00 p.m. and Wednesdays, 9:00–11:00 a.m.
Office phone: (516) 463-5739
Website: Blackboard (course website), `http://www.mymathlab.com` (homework website)

Semi-official course description: Sets, logic, probability. By the end of this course, you will have learned about symbolic logic for analyzing arguments, sets and how they are used, and the basic concepts of and computations in probability and understood how these three subjects are related to each other.

Text: *Finite Mathematics* (11th edition) by Lial, Greenwell, and Ritchey (online access code required)

Classroom and time: Brower Hall 204, TR 12:45–2:10 p.m.

Grading scheme:

- Homework: 30%
- 2 midterms (October 3 and November 2): 20% each
- Final exam: 30%

You will submit your homework electronically through MyMathLab. These problems will be assigned for each class day and will be due at 8:00 a.m. (in general, problems covering Tuesday's material will be due the next Tuesday and problems covering Thursday's material will be due the next Thursday). You will only be able to submit the assignment during the time that the problem set is open.

There will be two midterms and a comprehensive final exam in this class. Your final exam is tentatively scheduled for Tuesday, December 19 at 1:30 p.m. You must be available to take your final exam at this time unless you have a documented emergency or unless you make alternate arrangements with me by November 27. Note that I will only make these arrangements in the event of extenuating circumstances beyond your control.

Academic Honesty: You are expected to follow the Hofstra University Honor Code at all times. Plagiarism and other forms of academic dishonesty are serious ethical and professional infractions. Hofstra's policy on academic honesty reads: "The academic community assumes that work of any kind [...] is done, entirely and without unauthorized assistance, by and only for the individual(s) whose name(s) it bears." Please refer to the "Procedure for Handling Violations of Academic Honesty by Undergraduate Students at Hofstra University" at `http://www.hofstra.edu/pdf/Faculty/Senate/senate_FPS_11.pdf` for details about what constitutes plagiarism and Hofstra's procedures for handling violations. Violations of academic honesty will be reported.

You can use calculators on your exams as long as they can't perform symbolic operations and they don't have any stored programs that might help you in the exam. If you aren't sure whether your calculator is acceptable, please see me before the exam.

Accessibility Issues: If you believe you need accommodations for a disability, please contact Student Access Services (SAS). In accordance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, qualified individuals with disabilities will not be discriminated against in any programs or services available at Hofstra University. Individuals with disabilities are entitled to accommodations designed to facilitate full access to all programs and services. SAS is responsible for coordinating disability-related accommodations and will provide students with documented disabilities accommodation letters as appropriate. Since accommodations may require early planning and are not retroactive, please contact SAS as soon as possible. All students are responsible for providing accommodation letters to each instructor and for discussing with him or her the specific accommodations needed and how they can be best implemented in each course.

For more information on services provided by the university and for submission of documentation, please contact Student Access Services, 107 Student Center, (516) 463-7075.

Religious observances: If you have a religious obligation that conflicts with your participation in the course, you are responsible for notifying me far enough in advance for us to discuss your situation and agree on accommodations. Note that all students are responsible for completing all the work for the course. For more information, please see Part II(B) of "Academic Freedom and Civil Liberties of Students at Hofstra University" at `http://www.hofstra.edu/PDF/Faculty/Senate/senate_FPS_12.pdf`.

Thoughts for success: Mathematics is not a spectator sport. If you don't practice on your own, it will be very hard to do well on the exams. If you need help, come see me, either in office hours or by appointment, or visit the Math Tutoring Center in Roosevelt 301!

Discriminatory harassment, relationship violence, and sexual misconduct:
Hofstra prohibits sexual and other discriminatory harassment, stalking, domestic and dating violence, sexual assault and other sexual misconduct. If you or someone you know believes they have been subjected to any of these offenses, help is available. To make a report, or for more information about Hofstras Student Policy Prohibiting Discriminatory Harassment, Relationship Violence, and Sexual Misconduct (for more information, see
`http://hofstra.edu/sexualmisconduct`), please contact the Title IX Officer for Student Issues at (516) 463-5841 or StudentTitleIX@hofstra.edu or Public Safety at (516) 463-6606.
Confidential resources and support are also available from medical and counseling professionals in the Student Health and Counseling Center at (516) 463-6745) and clergy in the Interfaith Center.