

Math 008-01, Elementary Mathematical Statistics: Fall 2014
A quick reference guide

Instructor: Johanna Franklin

E-mail: johanna.franklin@hofstra.edu

Office: Roosevelt 315B

Office hours: Mondays, 11:00 a.m. to 1:00 p.m. and Wednesdays, 9:00 to 11:00 a.m.

Office phone: TBD

Website: Blackboard (course website), http://people.hofstra.edu/Johanna_N_Franklin/ (personal website)

Semi-official course description: This course examines frequency distributions, averages, graphical representations of data, measures of dispersion, types of distribution, estimation, hypothesis testing, curve fitting, and correlation.

Text: *Essentials of Statistics* (5th edition, with CD) by Mario F. Triola

Classroom and time: Davison Hall 15, TR 11:10 a.m. to 12:35 p.m.

Grading scheme:

- Quizzes: 30%
- 2 midterms (October 2 and November 6): 20% each
- Final exam: 30%

Homework will be assigned but not collected. The purpose of homework is for you to understand the concepts taught in class and to be able to solve problems on your own, and it is very difficult to succeed in this course without doing the homework!

Quizzes will be given on most Thursdays when exams are not. Each week, I will select one or two homework problems from the set assigned during the previous week and give you about 10 minutes at the beginning of class on Thursday to copy your solution(s) neatly. You will be allowed to use your solutions to your homework assignments for assistance, but they must be obviously your solutions (the easiest way to ensure this is to write them in your handwriting). You will have to turn them in with your quiz paper and include the names of the other students you worked with. Of course, you are also welcome to attempt this without your homework solutions, but I warn you that it might not be very easy. No makeup quizzes will be given, but the lowest quiz score will be dropped.

There will be two midterms and a comprehensive final exam in this class.

Academic Honesty: You are expected to follow the Hofstra University Honor Code at all times. Plagiarism is a serious ethical and professional infraction. Hofstra's policy on academic honesty reads: "The academic community assumes that work of any kind [...] is done, entirely and without 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/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 midterm 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.

The final exam will take place in a computer lab, where only instructor-approved software will be allowed.

Accessibility Issues: If you believe you need accommodations for a disability, please contact Services for Students with Disabilities (SSD). 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. SSD 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 SSD 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 Services for Students with Disabilities, 212 Memorial Hall, (516) 463-7075.

Religious observances: Some students may wish to take part in religious observances during this academic term. If you have a religious observance that conflicts with your participation in the course, please meet with me before the end of the second week of the term to discuss appropriate accommodations.

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 quizzes and exams. If you need help, come see me, either in office hours or by appointment!