

MATH 171-01, Advanced Calculus: Fall 2016
A quick reference guide

Instructor: Johanna Franklin

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Office: Roosevelt 315A

Office hours: Mondays, noon–2:00 p.m. and Wednesdays, 9:00–11:00 a.m.

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

Semi-official course description: Topics more advanced than those of the beginning calculus sequences. Stress is placed on the theoretical foundations of limits, continuity, uniform continuity, uniform convergence, series, derivatives, and integration.

Text: *Understanding Analysis* (2nd edition) by Abbott

Classroom and time: Roosevelt Hall 111, TR 4:30–5:55 p.m.

Grading scheme:

- Homework: 30%
- 2 midterms (October 6 and November 3): 20% each
- Final exam: 30%

Homework will be assigned weekly. In general, the problems will be due on Thursdays at the beginning of class and cover the material discussed in the previous week. No late assignments will be accepted except under the most extreme circumstances. If you have an emergency that you think may qualify, please let me know as soon as possible. The lowest homework score will be dropped regardless.

There will be two midterms and a comprehensive final exam in this class. The final exam is tentatively scheduled for Tuesday, December 20 at 4:00 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 28. 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 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 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/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’re encouraged to talk about the problems with your classmates and ask me questions if you get stuck, though copying your classmates’ solutions is not allowed. I expect you to list the names of the students you worked with on each of your homework assignments. You are allowed to use any kind of calculator you like when you do the homework, but I urge you not to rely heavily on it since no calculators are permitted on exams.

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.

Notice on campus sexual assault and discriminatory harassment: University policy and federal laws such as Title IX, Title VI, and the ADA make it clear that sexual violence and harassment based on any protected characteristic are strictly prohibited and are subject to standards of accountability at the University. If you or someone you know has been sexually assaulted or subjected to discriminatory harassment, the University offers multiple resources to support you and has policies and procedures to address these offenses. For more information, contact the University Title IX Coordinator, Jean Peden-Christodolou, at (516) 463-6815, Jean.C.PedenChristodoulou@hofstra.edu; the University Equal Rights & Opportunity Officer, Jennifer Mone, at (516) 463-1800, eroo@hofstra.edu; or refer to the applicable University policy at <http://www.hofstra.edu/eoe>.

Confidential resources and support are also available from clinicians in Student Counseling Services at (516) 463-6791, medical professionals at the Health and Wellness Center at (516) 463-6745, and clergy in the Interfaith Center.