**Section** | **Instructor** | **Time/Room** | **Office Hours**
--- | --- | --- | ---
01 | James Adler | F+ Block | T 2:00-4:00pm & W 10:30am-12:00pm
   | Office: BP-209 | TF 12:00-1:15pm | By Appointment
   | james.adler [at] tufts.edu | BP-007 |  |

**Required Materials:**

- **Textbooks:** There are no required nor recommended texts for this class.
- **Programming Software:** The programming for this course can be done in any language that you choose. Matlab is probably the easiest to pick up if you are not familiar with any other (and even if you are). All Tufts students have access to Matlab in the ITS Computing Center @ Eaton Hall. You can also install Matlab on your personal computer via the Tufts site license. To obtain the license and install Matlab see the following [link](#). Other possibilities include using python with numpy/scipy/matplotlib, or even julia. If you would like to use another option, please discuss this with me.

For resources on Matlab, including some tutorials, see Canvas.

- **Discussions Forum:** Students are encouraged to regularly visit the Discussions forum for the course (linked on Canvas). Students can ask questions about homework, projects, coding, and any other topics related to the course. The instructor and TA will regularly check these discussions, and jump in when needed, but it is mainly intended for students to help each other.

**Homework and Projects:**

There will be about 8 (roughly) weekly homework assignments during the semester worth a total of 40% of your grade. There will also be two midterm projects worth 15% of your grade each, and a final (group) project worth 30%. The assignments are posted on Canvas, and due dates can be found on the “Assignments” tab as well as in the Course Summary on the Home Page.

All homework assignments are due at the beginning of class on the date specified. Everyone is allowed a one-time 24 hour extension for free for the homeworks. Each additional 24 hours, however, costs you 10 points on the homework. Here’s the catch, though, it’s cumulative...So let’s say you turn in HW1 one day late. You lose no points. But if on the next assignment you also turn it in 24 hours late, that is actually your second late homework and you lose 10 points. So if you turn in every assignment 1 day late for the rest of the semester, on that last assignment you’ll lose 70 points.

Midterm projects are due at 11:59pm on the specified date, and will be **directly uploaded via Canvas in pdf format only**. NO late projects will be accepted, except in the cases of genuine emergencies.

The final project has several components, which are outlined in the Final Project Guidelines, with specific due dates posted on Canvas. The final presentations will be held during the scheduled Final Exam block we are assigned for our time block.

For homework and midterms, you are encouraged to collaborate with other students and to check your solutions. However, you must submit your own solutions in your own writing.

**Exams:**

There will be no exams in the course, however, students are required to abide by the university and the department’s guidelines on academic integrity. The full department policy on exams and grading can be found on the department website, [here](#), as well as the university’s policies, [here](#).
Course Grade:
Your final grade will be based on the percentages described above and will be translated into a grade following a conversion table:

- **A+**: >98
- **A**: 93-98
- **A-**: 90-98
- **B+**: 87-89
- **B**: 83-86
- **B-**: 80-82
- **C+**: 77-79
- **C**: 73-76
- **C-**: 70-72
- **D+**: 67-69
- **D**: 63-66
- **D-**: 60-62
- **F**: <60

Learning Objectives:
The learning objectives for this course include 1a, 1e, 4a, 4c, 5a, and 6a on the list of mathematics undergraduate learning objectives.

Student Accessibility Services:
Tufts University values the diversity of our students, staff, and faculty, recognizing the important contribution each student makes to our unique community. Tufts is committed to providing equal access and support to all qualified students through the provision of reasonable accommodations so that each student may fully participate in the Tufts experience. If you have a disability that requires reasonable accommodations, please contact the Student Accessibility Services office at Accessibility@tufts.edu or 617-627-4539 to make an appointment with an SAS representative to determine appropriate accommodations. Please be aware that accommodations cannot be enacted retroactively, making timeliness a critical aspect for their provision.

Sexual Misconduct/Sexual Assault Statement:
Sexual Misconduct, including Sexual Assault, is a form of discrimination based on sex or gender that violates federal Title IX regulations and is prohibited by Tufts policy. Tufts is committed to providing an education and work environment that is free from sexual misconduct (see Tufts Policy on Sexual Misconduct and Nondiscrimination). Federal law, state law, and Tufts policy require that sexual misconduct (sex/gender discrimination, sexual harassment, sexual assault, sexual exploitation, stalking, as well as relationship, dating and domestic violence) are subject to the same kinds of support and same accountability measures as any other protected category. For more information about protected categories, please see the Tufts non-discrimination statement.

If you or someone you know has been harassed or assaulted, you may contact the Office of Equal Opportunity at (617) 627-3298 or file an anonymous complaint at http://tufts-oeo.ethicspoint.com/. For anonymous resources and support please go to OEO’s resource page. You may also call in confidentiality the Tufts Counseling and Mental Health services at (617) 627-3360 or Tufts’ Ears for Peers at (617) 627-3888 during business hours, or the Boston Area Rape Crisis Center at (800) 841-8371 all day every day.

Final Comment:
- You are responsible for knowing all information contained in this syllabus. All other announcements will be sent to your Tufts email and/or posted on Canvas. You are expected to check these announcements and messages regularly and inform your instructor of any issues with deadlines in a reasonable amount of time.
- Ask questions if you don’t understand. Don’t be afraid to visit me during office hours, where we can go over material and homework you don’t quite understand.
- Come to class! I don’t take attendance, but that’s where the learning takes place. Also please arrive on time and try not to leave early so as not to disturb your classmates. Electronic devices are not allowed during class.
- You do not have my permission to post photos or recordings of this class online or propagate them or any other course material in any other fashion.
- Sleep! It’s the number one way to improve your mathematics ability. Just not during class...
- Mathematics jokes are welcome at any time during class. Please keep it appropriate though...