Math 36
Applied Calculus II
Syllabus
Spring 2016
Tufts University
Department of Mathematics

Section | Instructor | Time/Room | Office Hours
--- | --- | --- | ---
01 | Zachary Faubion | B+ Block | M 10:30-11:30am
| | Office: BP-105 | TRF 8:05-9:20am | T 9:30-10:20am
| zachary.faubion [at] tufts.edu | BP-101 | F 9:30-11:00am
| James Adler | F+ Block | T 2:30-4:00pm
| Office: BP-209 | TRF 12:00-1:15pm | R 2:30-4:00pm
| james.adler [at] tufts.edu | BP-007 | By Appointment
02 | Dong Han | Office: BP-216 | F 10:30-11:30am

TA

Required Materials:

- Course Trunk Site: [https://trunk.tufts.edu](https://trunk.tufts.edu)
- MyMathLab ([www.pearsonmylabandmastering.com/](http://www.pearsonmylabandmastering.com/)) for Briggs, Cochran, & Gillett, Calculus: Early Transcendentals, 2nd Edition with MyMathLab. Access to online resources and announcements is required, and the textbook is available online via MyMathLab. The hardcopy of the text is optional. For further instructions, see handouts. MyMathlab IDs for the sections are:
  
<table>
<thead>
<tr>
<th>Section</th>
<th>Instructor</th>
<th>MyMathLab ID</th>
<th>Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Zachary Faubion</td>
<td>faubion86252</td>
<td>Instructions</td>
</tr>
<tr>
<td>02</td>
<td>James Adler</td>
<td>adler02194</td>
<td>Instructions</td>
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</tbody>
</table>
- Piazza Forum ([https://piazza.com/class/ij912zq5k6v4cv](https://piazza.com/class/ij912zq5k6v4cv)): Students are encouraged to regularly visit the Piazza forum for the course (linked on Trunk). Students can ask questions about homework, quizzes, and exam study material. No solutions to exam practice problems will be given. However, if students post solutions, the course TA will approve them and compile them into a list before each exam.
- Online Calculus Videos ([https://vimeopro.com/user5472322/applied-calculus](https://vimeopro.com/user5472322/applied-calculus)): This site contains online lectures that are relevant to the course. Watching these videos may be very helpful. The password is math36@tufts

Homework and Quizzes: Homework will be assigned each class on MyMathLab. Due dates will be indicated on MyMathLab. The four lowest homework grades will be dropped and the final homework average will be the average of the remaining scores.

Quizzes will be assigned (approximately) weekly. These are written take-home assignments designed to challenge your understanding and give you realistic feedback on exam quality questions. Quizzes are due one week from the date they are distributed. The lowest three quiz grades will be dropped and the final quiz average will be the average of the remaining scores.

Maker Space Quizzes: Three additional quizzes will be based on a project idea. All students are encouraged to check out the Jumbo Maker Studio ([http://maker.tufts.edu/spaces/maker-studio](http://maker.tufts.edu/spaces/maker-studio)). The final product should be a “calculus-themed” object for us to use to describe some concept from class. Other non-maker space ideas will be accepted, such as an interactive computer program to describe an idea. The following is the description and due date for each of these quizzes:

<table>
<thead>
<tr>
<th>Description</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visiting the Maker Space and taking one of their tutorials.</td>
<td>Midterm 1</td>
</tr>
<tr>
<td>A proposal (maximum 1 page), describing your product and plan for creating it.</td>
<td>Midterm 2</td>
</tr>
<tr>
<td>The final product.</td>
<td>Final Exam</td>
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</tbody>
</table>

It is possible to work in groups for the latter 2 quizzes (maximum size of 3), but you must fully explain each person’s role in the proposal.
Late Policy on Homework and Quizzes: Quizzes will not be accepted late. Homework on MyMathLab can be submitted late for up to 80% credit before 11:59pm on Thursday, May 5. Your instructor will review their late policy on the first day of class.

Exams: There will be two midterms and a final. The exams will NOT be in class. However, the location will be announced in class. All sections of Math 36 take the exams on the following dates:

<table>
<thead>
<tr>
<th>Exam Type</th>
<th>Date</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Midterm 1</td>
<td>Monday, February 29</td>
<td>12:10pm</td>
<td>TBA</td>
</tr>
<tr>
<td>Midterm 2</td>
<td>Monday, April 4</td>
<td>12:10pm</td>
<td>TBA</td>
</tr>
<tr>
<td>Final</td>
<td>Friday, May 6</td>
<td>8:30-10:30am</td>
<td>TBA</td>
</tr>
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</table>

There will be no make ups for any exam according to department policy. Please arrange your travel plans accordingly. For exceptional circumstances that require you to miss an exam, contact your instructor at least one week in advance. Exam preparation materials will be available on Trunk.

Course Grade: Your Homework and Quiz grades will be the averages computed without the dropped assignments, as indicated in the Homework and Quizzes section above. Your final grade will be the higher of the following two scores:

Grade 1 = .10*HW + .10*Quiz + .10*Midterm Low + .30*Midterm High + .40*Final
Grade 2 = .10*HW + .10*Quiz + .10*Midterm Low + .10*Midterm High + .60*Final

Course grade = maximum of Grade 1 and Grade 2

Academic Honesty: You are required to sign your exam. With your signature you are pledging that you have neither given nor received assistance on the exam. Students found violating this pledge will receive an F in the course and will be reported to the Dean of Students. Plagiarism on quizzes will be dealt with similarly. Note that although collaboration on solving quiz problems is encouraged, the final written product must be the work of the individual student.

Learning Objectives: The learning objectives for this course include 1a and 1e, and to a lesser extent, 3a and 3b on the list of mathematics undergraduate learning objectives.

Student Accessibility Services: If you are requesting an accommodation due to a documented disability, you must register with the Student Accessibility Services Office at the beginning of the semester. To do so, call the Student Services Desk at (617) 627-2000 to arrange an appointment with Linda Sullivan, Program Director of Student Accessibility Services.

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 OEOs 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 Trunk. 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.