

Sections:

- 01** (Block C) Hao Liang
- 02** (Block F) Mary Glaser
- 03** (Block H) Garret Laforge
- 04** (Block B) Aliska Gibbins

Required Text: *Calculus: Early Transcendentals 2nd edition* **OR** *Single Variable Calculus: Early Transcendentals, 2nd edition*, both by William L. Briggs, Lyle Cochran, and Bernard Gillett, (Pearson), 2015. The former covers single and multivariate calculus (Math 32, 34, and 42). The latter contains the first 10 chapters of the complete text on single variable calculus and thus suffices only for Math 32 and 34. **Warning: whichever edition you buy, it must have "Early Transcendentals" in the title.** A Student's Solutions Manual is also available, but not required. The Complete Solutions Manual is on reserve in Tisch Library. Regretfully, these books are very different from the 1st editions, especially in the exercises.

Exams: There will be two in-term exams and a final. They are all closed book with no calculators allowed. Exam rooms are always posted on the Math Dept website: <http://math.tufts.edu/courses> under the Exams menu.

Exam 1: **Monday, February 29, open block: 12-1:20**

Exam 2: **Monday, April 11, open block: 12-1:20.**

Final Exam: **Friday, May 6, 8:30-10:30 a.m..**

Exam Policies: No calculators will be allowed in the exams. You must show your work to receive full credit for an answer. You are required to sign your exam book. 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** for the course and will be reported to the Dean of Students.

We do not give make-up exams under any circumstances for the midterm exams. You can receive an excused absence at the discretion of the department for genuine emergencies (illness on the day of the exam) or for unavoidable and unforeseen events of an extremely serious nature. To receive an excused absence you must have the appropriate documentation (a note from Health Services or from your dean) and you must also fill out an affidavit explaining why you missed the exam and pledging the honesty of your explanation. You will need to see Gail Kaufmann (gail.kaufmann@tufts.edu) in Bromfield-Pearson room 110 to fill out this affidavit. If you miss a midterm exam and do not receive an excused absence it will be counted as a zero. A more detailed explanation can be found on the department website.

Please read the complete Mathematics Department exam and grading policy which can be found on the department website: <http://math.tufts.edu/courses/examPolicy.htm>.

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

Homework: The only way to learn mathematics is by solving problems! There is a homework assignment for each lesson of the course. You will receive one point if the homework you hand in contains a bona fide attempt to solve each exercise (showing your work) and the correct answer to at least 2/3 of the exercises. You may talk with friends and/or your instructor and you may check your answers using the back of the book and the solutions manual when doing your homework. The solutions that you hand in must, however, be written in your own words. If you have $n \geq 16$ homework points at the end of the semester, we set $H = (n - 15)/10$ in the formula we use to calculate your final average (see below). Thus $H = 0$ if $n \leq 15$ and $H \leq 2$. Homework is due at the class following the lesson to which it corresponds except when the class following is a review for an in-term exam; these assignments are due the first class after the exam. We will begin collecting homework beginning with the third assignment. Note that the graders might not read your solutions as carefully as we will read your exams; expect us to be more demanding on the exams.

Attendance: Many of the topics in this course will be new to you. Attendance and class participation are essential!

Your Grade: Your course grade will be computed as follows. Suppose that L is the lower of your two midterm exam scores, T is the other midterm exam score, F stands for your final exam score, and H is your homework credit. Your overall course average is the larger of these two numbers:

$$.20L + .30T + .50F + H \quad \text{or} \quad \frac{L + T + F}{3} + H$$

There will be no make-ups for the two midterm exams. If you miss a midterm exam for a reason accepted as legitimate by the Mathematics Department, your average would become the larger of these two numbers:

$$.25T + .75F + H \quad \text{or} \quad .45T + .55F + H$$

Homework Folders: Homework will be collected using folders handed out in class. Please write clearly on your folder an identifier (something that you will recognize), the course and section number (e.g. 32-01), and your instructor's name. Feel free to use your name as your identifier, but the homework folders are handed off between instructor and grader in a way that does not ensure their confidentiality (usually by way of drawers in the lobby of Bromfield-Pearson Hall). Your educational record is privileged information under the federal Family Educational Rights and Privacy Act (FERPA). Using your name as identifier means that you opt out of being guaranteed the confidentiality of the information on and in your homework folder. If you choose an identifier rather than your name, you must inform your instructor immediately of your identifier so that you get appropriate credit for your homework.

Learning Objectives: The learning objectives of this course include 1a,b,c,d,e and 6 in the list of Tufts Mathematics Undergraduate Learning Objectives:

<http://ase.tufts.edu/faculty/committees/objectives/math.htm>