

Math 152:10-12 — Fall 1999
TF3 CHM-201
Prof. Bumby

Contacting the instructor. The most reliable way to contact me is electronic mail: the address is *bumby@math* from any machine in the *rutgers.edu* domain. I will be available before class in CHM-207B. I plan to arrive no later than 10:30 AM. These are *drop-in* office hours – you do not need an appointment. I can make appointments to arrive earlier or to stay after class. My regular office is Room 438 in Hill Center on the Busch Campus. There is an answering machine on my office phone, so you may leave a telephone message by phoning 445-0277. I have scheduled *drop-in* office hours there from 3 to 4 PM on Wednesday. If none of these times are convenient, do not hesitate to ask for an appointment.

The textbook. The textbook for this course is James Stewart, *Calculus: Early Transcendentals*, Third Edition, Brooks/Cole, 1995, (ISBN 0-534-25158-7). This is the same book that was used in 151 last semester. This course will cover chapters 6 through 10.

Registration information. If you were not able to register for this course in the normal manner, you should expect that you will be able to register during the Add-Drop period and continue to attend class. You should also write your name at the bottom of the sign-up sheet that I circulate. These sheets are revised daily to reflect current attendance, so you should only need to do this once. Although I am given separate rosters for the individual recitation sections, I treat all students as being registered in the lecture section and record grades on a single roster, splitting results by section when grades are to be reported. Changing sections within this lecture group serves no purpose: if you find a different recitation section within this lecture group more convenient than the one you are registered for, you should ask the recitation instructor for permission to attend a different section. Use the Mathematics Department “Special Permission” process if you want to add the course or transfer to a different lecture section. The department processes all special requests for registration centrally — I cannot add anyone to the class. Most requests are processed from the department’s Home Page on the Web, but graduate students and non-matriculated students must submit applications at the department office in Room 303 of Hill Center.

The Course Web Page. Copies of all handouts and material prepared for lectures will be made available on the Web. At some point, this will be linked to “course information” section of the Math Department page, but initially, you should use my personal page to locate the course material. Point your browser at

<http://www.math.rutgers.edu/~bumby>,

or go first to the department home page and use the faculty listing to reach my page.

Final Exam. The final exam for this course is scheduled for the **Math Group Time** (exam code F) **Thursday, December 16, 4–7 PM**. It is possible that the exam will not be held in the regular lecture room. Details will be available during the last two weeks of the course. A common final exam for all sections of the course is planned. This exam will contribute 200 points to a 600 point score used to determine the course grade.

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Class Exams. The department guidelines for this course include two hour exams, but this makes exams seem so *distant* that other courses may grab the time that you need to work on Calculus. This lecture section will have **four** exams. The individual exams will cover less material, so there will be a little time before each exam to allow everyone to get settled, during which there will be announcements and a brief description of what the next batch of lectures will cover. In order to do everything that is supposed to be in the course when more time is given over to exams, everything must be done on a rigid schedule. If you must miss an exam, let me know immediately. The pace discourages the use of make-up exams, but an attempt will be made to find an equivalent of the scheduled exam. The exam dates (and topics) are fixed as: Tuesday, September 28 (chapters 6 and 7); Friday, October 22 (chapter 10); Tuesday, November 09 (deferred topics and chapter 8); Friday, December 03 (chapter 9). Note that the entire content of the course will be covered by these exams. There is one lecture after the last exam that will be used to review the course. The four class exams will contribute 250 points to the course grade.

Recitation classes. Recitation classes are scheduled for periods 3, 4, or 5 on Thursday. Time in these classes is typically evenly divided between discussion of homework and exploration of the workshop problems. A Peer Mentor will assist the recitation instructor in these classes. Since some class time is likely to be redirected to preparation for exams, graded work in Recitation classes will contribute 150 points to the course grade.

Lecture topics and homework. The schedule of lectures through the exam of September 28 is given below. With each lecture, there are a list of problems. Only even numbered problems are listed, but you are encouraged to practice on the nearby odd numbered problems. When you get answers that agree with those in the back of the book, you are ready for the even numbered problems. One problem from each section is designated as a “hand-in” problem. You should prepare this problem to be collected and graded at the next recitation period.

| Date | Section | Page | Discussion Problems | Hand-in |
|--------------|---------|------|---------------------|-----------|
| September 03 | 5.5 | 365 | 2, 4, 12, 30, 68 | 38 |
| | 6.1 | 385 | 8, 10, 14, 30 | 24 |
| September 07 | 6.2 | 396 | 4, 28, 34, 56 | 58 |
| | 6.3 | 402 | 4, 12, 34 | 16 |
| September 10 | 6.5 | 409 | 2, 10 | 6 |
| | 7.1 | 421 | 2, 18, 24 | 20 |
| September 14 | 7.2 | 428 | 6, 8, 20, 42 | 12 |
| | 7.3 | 434 | 2, 8, 22 | 12 |
| September 17 | 7.4 | 443 | 18, 24, 26, 44 | 40 |
| | 7.6 | 452 | 2, 6, 28, 36 | 46 |
| September 21 | 7.8 | 465 | 8, 12, 22 | 16 |
| September 24 | 7.9 | 474 | 4, 6, 12, 26 | 30 |