Instructor and T. A. The course instructor is John Luecke. My office is R.L.M 12.122. I will hold office hours from 5-6 Monday and Wednesday, and 3-4 Friday. If you can’t make these times and want to come by, feel free to make an appointment with me. My office telephone is 471-4176 and email is luecke@math.utexas.edu. The teaching assistant is Paul Tsuji. His office is ACE 3SEo6C (third floor of ACE, southeast corner). His office hours are 4-5 Monday and Wednesday, and 1-2 Friday.

Text. Calculus, James Stewart, sixth edition (Thompson). The course will cover most of chapters 11, 13–16. You are encouraged to look at other texts or supplements if you do not find Stewart very clear. You can find a number of different texts in the Physics-Math-Astronomy library on the fourth floor of RLM.

Prerequisites. To take this course, you should either have made at least a 3 on the AP Calculus BC exam or have made at least a C in M308L or M408L (not M403L).

Course Grading. There will be two exams given in the lecture classes, each counting 30% of your course grade. The first of these will be on Thursday, October 14, the second on Thursday, November 18. The exams are given during the regular lecture period, but, if I can arrange it, they will be in a different room – so be sure and check before the first exam. There will be a final exam (Thursday, December 9, 2-5) counting 30% of your course grade. Your homework average will count as 10% of your course grade. If you miss an exam for a documented, valid reason, contact me within two days about a make-up exam. No early finals will be given. In assigning course grades, I will use the +/- grading system. Class attendance will not be part of your grade.

Homework. Your homework score will be the average of weekly assignments on the Quest online system. I will drop two scores in computing your average.

To get started on the Quest system go to https://quest.cns.utexas.edu/student

Click on “Get started”. Then enter your UT eid and password. M408M should appear. Click on the “Multivariable Calculus” title and it should take you to the assignments. Click on the appropriate assignment. Enter the answers online. Each answer will be graded immediately after being submitted. Usually you are allowed multiple tries, but with each successive try you earn fewer credit points. Note that you can earn negative points (the scoring is such that guessing on average nets a total of zero points). To see more explicitly the scoring algorithm click on the ’Help’ link in the tab bar at the top of the home page (in fact there is a lot of information through this route). Note that you needn’t answer all questions at one sitting; you can come back to the assignment later – until the due date and time (which will be Tuesday at 3:00 AM). After the due date, solutions to the homeworks will be
available online. No late homeworks accepted. The first online assignment is due Tuesday, 9/7. **Extra Problems** There are problems in the book which don’t have equivalents in the Quest system. So each week I will also assign problems from the book. These homework problems are not to turn in, but, as with the online problems, are the kind of problems you can expect to see on the exams. I will list the extra problems each week on the class website:

http://www.ma.utexas.edu/users/luecke/408mfall10/index.html

The best way to learn calculus is to do lots of problems and ask questions about the ones you can’t do. Because we cover a lot of material in this course and much of the material is cumulative, it is important to check whether you are really understanding the material by doing the homework. The purpose of the discussion sections in this course is to help you with these homework problems. I encourage your working together on homework problems. I would suggest looking around in the class to form a study group of two or three.

**Class website.** I will post the extra problems I assign each week, as well as exam information, and a detailed list of topics I will be covering this semester at

http://www.ma.utexas.edu/users/luecke/408mfall10/index.html

**Other dates.** The last day for dropping a course (for academic reasons) is Wednesday, October 20. For the procedure for dropping a course, visit online the Course Schedule or the Registrar. If you drop the course by September 10, you may be eligible for a refund.

**Refreshers.** The Sanger Learning and Career Center in Jester A115 has many resources available – taped lectures, sample exams, drills, counseling, math anxiety workshops, tutors, a Math/Science Lab, and review sessions. The Center may be accessed on the web at http://lifelearning.utexas.edu/. If you can’t make the sessions offered, they often have the handouts available on the web.

**Students with disabilities.** The University of Texas at Austin provides upon request appropriate academic accommodations for qualified students with disabilities. For more information, contact the Office of the Dean of Students at 471-6259, 471-4641 TTY. If you plan on using accommodations, you need to notify me early in the semester.