Instructor
Dr. Eric Staron
Office: RLM 12.144
Email: estaron@math.utexas.edu
Office Hours: TTH, 5-6:30p or by appointment.

Teaching Assistant
Marjorie Drake
Office: RLM 11.138
Email: mdrake@math.utexas.edu
Office Hours: M: 1-3; W: 12-1

Class Information
Lecture: TTH, 2-3:15p, RLM 4.102
Discussion Section: (54100) MW, 10-10:50a, RLM 5.104; (54105) MW, 11-11:50a, NOA 1.126
CalcLab: Monday-Friday. Location and Time TBD

Course Websites
The website for this course is http://www.ma.utexas.edu/users/estaron/s2017_2/M408D/home.html
Quest can be accessed at https://quest.cns.utexas.edu/
We will also be using Canvas, which can be found at http://canvas.utexas.edu//.

Textbook
Calculus, Early Transcendentals, 7th edition, by James Stewart

Course Overview
This course is a continuation of M408C and covers a variety of topics in the theory of functions of
one or more variables: techniques of integration, improper integrals, differential equations, infinite
sequences and series, power and Taylor series, parametric curves, and derivatives and integrals
of vector and multivariable functions with applications. Its objective is to provide students with
practical mathematical skills necessary for advanced studies in all areas of science and engineering.
Emphasis will be placed on concepts and computations rather than proofs.

Prerequisites
Mathematics 408C, 408L, or 408S with a grade of at least C-; or consent of instructor.

Rules for the Classroom
I expect you to be courteous to your classmates during class. In particular, you should not distract
your classmates by talking to students around you about subjects unrelated to mathematics or
using any of your electronic devices unless it is related to class. Academic Dishonesty will result
in an F for the course.
Grading
Your grade will be determined by online homework, 4 in-class exams, and a final exam. Grades will be determined using the following scale:

100-93, A   92-90, A-   89-87, B+   86-83, B   82-80, B-   79-77, C+
76-73, C   72-70, C-   69-65, D+   64-60, D   59-0, F

I will round to the nearest integer.

Homework (10%): Homework assignments are due on Monday night at 11:30p. Homework will be assigned regularly via the Web using the UT Homework Service, QUEST; all answers and grades will be returned via the Web also using Quest. The lowest 3 scores will be dropped.

This course makes use of the web-based Quest content delivery and homework server system maintained by the College of Natural Sciences. This homework service will require a $30 charge per student per class for its use, with no student being charged more than $60 a semester. This goes toward the maintenance and operation of the resource. Please go to http://quest.cns.utexas.edu to log in to the Quest system for this class. After the 12th day of class, when you log into Quest you will be asked to pay via credit card on a secure payment site. Quest provides mandatory instructional material for this course, just as is your textbook, etc. For payment questions, email quest.billing@cns.utexas.edu.

In-Class Exams (60%): The exam dates are 02/07, 03/09, 04/11, and 05/02. Each exam will consist of a multiple choice part and a free response part. Calculators are not allowed during the exams. I will drop your lowest exam grade. Because of this policy there will be absolutely positively no make-up exams. If you do not show up for an exam, you will earn a 0, and that grade will (hopefully) be replaced by your final exam grade.

Final Exam (30%): The final exam is cumulative. It is scheduled by the registrar. Do not make plans to leave on or before the last day of exams, 05/16. If you do not show up to the final exam, you will earn a 0 on the final.

Student with Disabilities
Students who fall under the University’s Learning Disability Policy must present certification of that fact to the student’s instructor prior to the first test. The University of Austin provides upon request appropriate academic accommodations for qualified students with disabilities. For more information and certification letter, contact the Division of Diversity and Community Engagement, Services for Students with Disabilities: http://www.utexas.edu/diversity/ddce/ssd/, 471-6259, 471-6441 TTY.

Students with disabilities will need to make arrangements with the instructor or the UT Testing center 2 weeks before an exam.