MATH 1225 – 15359: Spring 2017
Calculus of a Single Variable

Rebecca McCarter
Office Hours: MW 11:00 – 12:00
and by appointment
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Class Meetings: MWF 12:20 – 1:10 at MCB 129 and R 12:30 – 1:20 MCB 126
Course Website: http://www.math.vt.edu/courses/math1225/
Canvas: https://canvas.vt.edu/
WebAssign: http://www.webassign.net

Text: Calculus: Early Transcendentals by Stewart (8th edition) with WebAssign access.

Course Content: Limits, continuity, differentiation, transcendental functions, applications of differentiation, introduction to integration.

Prerequisites: You must have one of the following:
- A grade of B or better in Math 1014, 1015, 1016, 1025, or 1536.
- Two units of high school algebra, one unit of geometry, 1/2 unit each of trigonometry and precalculus AND placement by the Mathematics Department.
- A passing grade on the Calculus Readiness Exam.

Grading:
- 10% WebAssign
- 18% Written Homework/Quizzes
- 52% Tests (4 Tests) (13% each)
- 20% Comprehensive Final Exam

A 90% will guarantee an A-, 80% a B-, 70% a C-, 60% a D-. Plus and minus grades will be assigned at my discretion.

WebAssign: There will be WebAssign quizzes which will typically be due on Monday and Thursday of each week. Deadlines can be found on the course website. You will have two attempts at each quiz. Your lowest four quiz grades will be dropped.

Homework/Quizzes: Written homework problem sets will be posted on Canvas. You are expected to work on the homework as soon as it is assigned. Only select homework assignments will be collected, but working on all assignments and understanding the tools and concepts emphasized in each assignment is an effective way to prepare for the in-class quizzes and tests. A grade of zero will be assigned for any paper not on time.
There will be in-class and take-home quizzes. Dates for the quizzes will be announced in class. There will be no make-up quizzes. Your lowest assignment grade will be dropped.
Some of these assignments will require the software package MATLAB. Please check our Canvas site for information.

Grading Appeals: Specific grading disputes (points totaled incorrectly, missing assignments on Canvas, etc) should be brought to my attention within one week of return of the assignment. Appeals outside this timeframe will not be considered.
Disabilities: If you need adaptations or accommodations because of a documented disability, if you have emergency medical information to share with me, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible.

Common Time Exams: There will be four common time exams and a common time final exam. The locations for the exams will be announced on the Math 1225 web page. Typically, they will not be the same as your lecture class. If it is to your benefit, your grade on the free response section of the final exam will replace your lowest test grade.

You must take tests on the specified date. If you have a verified conflict with the time scheduled for an exam, an alternative starting time for the exam on the same evening will be provided. Usually, makeup exams will not be given. If a student misses an exam for reasons that are serious, unavoidable, and beyond the student's control, the situation will be handled on an individual basis. When possible, the student should notify the instructor before missing the work.

The final exam is a required class meeting that will not be rescheduled for discretionary reasons, including conflicts with work schedules, conflicts with classes and exams at other colleges, and travel plans.

<table>
<thead>
<tr>
<th>Test 1</th>
<th>Test 2</th>
<th>Test 3</th>
<th>Test 4</th>
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<tbody>
<tr>
<td>February 15, 7-8 pm</td>
<td>March 15, 7-8 pm</td>
<td>April 5, 7-8 pm</td>
<td>April 26, 7-8 pm</td>
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Final Exam – May 5, 4:25-6:25 pm

Honor Code: All assignments, tests, and quizzes submitted will be considered graded work and must be completed on an individual basis. No consultation is permitted on tests and in-class quizzes. Homework and WebAssign quizzes may be discussed with other students as well as with the instructor. However, in writing up an assignment to be handed in or in submitting solutions on a WebAssign quiz, each student works alone (without other students or other students’ papers) and certifies that what is written and/or submitted accurately represents the student’s own understanding of the material expressed in the student’s own words. In working, or in preparing to work, homework problems and WebAssign quiz problems, students may not consult partial or complete solutions of the problems that have been prepared by anyone else. The prohibited solutions include, but are not limited to, solutions by current or former teachers or students at VT or elsewhere, whether these solutions are posted on the web or available from other sources. The honor code applies to all graded work in this course.

The Undergraduate Honor Code pledge that each member of the university community agrees to abide by states:
“As a Hokie, I will conduct myself with honor and integrity at all times. I will not lie, cheat, or steal, nor will I accept the actions of those who do.”

Students enrolled in this course are responsible for abiding by the Honor Code. A student who has doubts about how the Honor Code applies to any assignment is responsible for obtaining specific guidance from the course instructor before submitting the assignment for evaluation. Ignorance of the rules does not exclude any member of the University community from the requirements and expectations of the Honor Code.

For additional information about the Honor Code, please visit: http://www.honorsystem.vt.edu/

Classroom Courtesy: You and your classmates are here to learn, and that happens best in an atmosphere of mutual respect with freedom from distractions and disturbances. All of us should abide by the Virginia Tech Principles of Community.

Tutoring: For help and tutoring options visit http://www.math.vt.edu/people/schmalej/tutors/home.php

Attendance and Communication: Attendance will be taken and records will be sent to the Math Department. You are responsible for all announcements made in class and posted on Canvas.