Class Meetings:
- 84446 MWF 2:30-3:20 pm at HUTCH 409 and T 2:00-2:50 pm at ROB 103.
- 84458 MWF 9:05-9:55 am at MCB 210 and T 9:30-10:20 am at MCB 209.
- 84467 MTWF 8:00-8:50 am at MCB 224.

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

Learning Objectives
- Calculate limits and derivatives of functions of a single variable.
- Produce graphical representations of functions using calculus techniques.
- Calculate integrals of functions of standard types.
- Employ these skills in a variety of applied problems.


Course Resources: It is the student's responsibility to check regularly the following:
- Scholar, for posting material, grades, announcements and other important information. [http://scholar.vt.edu](http://scholar.vt.edu)
- The Math 1225 course webpage: [http://www.math.vt.edu/courses/math1225/](http://www.math.vt.edu/courses/math1225/)
- WebAssign for quiz submissions: [www.webassign.net](http://www.webassign.net)

Software: MATLAB is required for this course. Engineering students have MATLAB in their software bundle, other majors can buy a license or access it from some VT computers. For a detailed list of options and information to have access to MATLAB check our Scholar site under Resources>MATLAB.

Course Grade Breakdown:
- Four Midterms (each counts 12%) 48%
- Final Exam 20%
- WebAssign Quizzes 12%
- In class Quizzes 14%
- Matlab Assignments 6%

Letter grade scale: A total score of 90% guarantees at least A-; 80% → B-; 70% → C-; 60% → D-. 

Midterms and Final Exam: 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. Test dates are:

<table>
<thead>
<tr>
<th>Test 1</th>
<th>Wed, September 16, 7-8 pm</th>
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<tr>
<td>Test 2</td>
<td>Wed, October 14, 7-8 pm</td>
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<tr>
<td>Test 3</td>
<td>Wed, November 4, 7-8 pm</td>
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<tr>
<td>Test 4</td>
<td>Wed, December 2, 7-8 pm</td>
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</tbody>
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**Final Exam Date:** Fri, December 11, 4:25-6:25 pm

**Homework:** You are expected to work on the homework as soon as it is assigned. Homework is usually not collected, but working on it and making sure you understand the tools and underlying ideas in the solutions is an effective way to prepare for the in-class quizzes and tests.

**In-class Quizzes:** There will be a weekly quiz based on the problems in the syllabus. Each quiz consists of one or two problems. Make-up quizzes will **not** be given. However the lowest two in-class quiz grades will be dropped.

**WebAssign Quizzes:** There will be 25 WebAssign quizzes, which will be due on Mondays and Thursdays of each week. The due dates and tips on how to work with WebAssign can be found at: [http://www.math.vt.edu/courses/math1225/index.php?page=webassign](http://www.math.vt.edu/courses/math1225/index.php?page=webassign). Each quiz will have two allowed submissions before the deadline. The lowest four WebAssign quiz grades will be dropped. For any questions concerning WebAssign access or support, call (toll free) 800-955-8275.

**Grade Corrections:** There is a one-week time limit from the time an assignment is returned to request a correction of a grade due to an incorrectly added total, an incorrectly entered or missing grade on Scholar or similar reason. The amount of partial credit awarded on a particular problem is not subject to negotiation.

**Attendance and communication:** Attendance will be taken. It is the responsibility for the student to find out about all announcements made in class and for information delivered via Scholar or e-mail.

**Disabilities:** If you need adaptations or accommodations because of a documented disability or if you have emergency medical information to share, please make an appointment with me as soon as possible.

**Academic Honesty:** All students must abide by the Virginia Tech Honor Code while completing any graded work in this course. Among other things the Honor Code prohibits giving or receiving unauthorized aid, assistance, or unfair advantage on academic work, and it prohibits plagiarism. Handed-in homework may be discussed with other students as well as with the instructor. However, in writing up an assignment to be handed in, each student (or team, in the case of team assignments) must work alone. Students may not consult partial or complete solutions of the problems that have been prepared by anyone else. The Honor Code also applies to the Web-Assign quizzes, signing the attendance sheet and any in-class assignments. **Calculators may not be used** for any test or in-class quizzes. Cell phones are not permitted during a test. It is your responsibility to seek clarification if there is any question about how the Honor Code applies to a given assignment.

**Classroom Courtesy:** Please be courteous and respectful to your fellow students and the instructor. In particular, observe the following:

- Arrive to class on time and stay for the duration.
- Don’t carry on conversations when class is ongoing.
- Silence all cell phones and other electronic devices while in class.
- Laptops used as a tablet PC are permitted in the flat, tablet position. Open laptops are not allowed.

**From the Math Dept:** For no foreseeable reason will you be allowed to stay in the wrong section or to drop a section for which you are actually enrolled after the last drop date. By simply attending a section you will not be placed on its roll.