INSTRUCTOR:  ABBIE KOHLER
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WEB:  http://www.math.vt.edu/courses/math2015/
      http://scholar.vt.edu
      http://www.math.vt.edu/people/kohlera/

Office Hours:  Tuesday and Thursday 10:30 AM to 12 Noon and 2 to 3 PM
               Wednesday 12:30 to 3:30 PM,
               and by appointment
               All office hours in McB 443


COURSE NOTES PACKET:  Required and available as downloads from the course webpage.

COURSE GOALS:  Our objectives in this class include understanding antiderivatives, definite integrals, the Fundamental Theorem of Calculus and elementary differential equations. The basic goal is to enable you to apply calculus methods to problems that may come up in your other courses and, eventually, in your field of specialization.

GRADING:  The following percentages will be used in grading:
          10%  Homework,
          9%  In-class Assignments
          10%  Lab Quizzes
          51%  Tests (3 Tests) (17% each)
          20%  Comprehensive Final Exam

POLICIES:  Final grades:  In general, a 10 point scale is used. + / - grades will be assigned at my discretion.
A score of 90% will guarantee an A −, an 80% a B −, a 70% a C − and a 60% a D −.

CLASS:  Every student in Math 2015, CRN 84462 and 84467 will attend two 75-minute class sessions each week. The class will be in the scheduled classroom and will be the same days each week.

HOMEWORK:  Homework will be collected in the first lecture class of the week. Each week’s problems are listed with the syllabus. Homework will be checked for completeness, work shown and correctness. The maximum grade for each homework is 5 points. Your lowest homework assignment will be dropped.

GRADING HOMEWORK ASSIGNMENTS:
0 points  Few problems attempted and / or correct, little or no work shown
1 point  All problems reasonably attempted
4 points  Two problems will be graded. You will receive two additional points each, if they are complete and correct.

IN-CLASS ASSIGNMENTS:  Most days you will work on an assignment in class. These will be collected before you leave class and cannot be made up. You may work these problems with a group of 2-3 students. The lowest 2 in-class grades will be dropped to allow for occasionally missing a class for whatever reason.

LABS:  These projects will present a deeper look at some applications and will introduce you to the use of spreadsheet programs to analyze calculus problems. The labs use the software program Excel. 4 labs will be assigned. Check the syllabus for their due date. Each lab will have an on-line introduction available. The labs may be worked in groups. See the Honor Code statement for this class. The lab assessment will be an on-line quiz taken by the due date.
The quiz must be taken individually.
TESTS: 3 tests will be given throughout the semester. Makeup or early tests will be given for excused absences only. Excused absences consist of medical problems or emergencies with appropriate documentation. Unexcused absences will result in a zero score. Tests will be given on **Thursday evening at 7 PM** of the week listed on the syllabus.

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<tr>
<th>Test 1</th>
<th>Test 2</th>
<th>Test 3</th>
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<td>–September 25</td>
<td>–October 30</td>
<td>–December 4</td>
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**FINAL:** There will be a common comprehensive final exam given on Wednesday, December 17 @ 7:00 PM.

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

**HONOR SYSTEM:**
- The Virginia Tech Honor Code applies to all graded work in this course. Students are responsible for understanding and adhering to the Honor Code. Among other things the Honor Code prohibits giving or receiving unauthorized aid, assistance, or unfair advantage on academic work, and it prohibits plagiarism.
  - You will be expected to pledge all tests and the final exam, that the work is your own. Calculators may be used and are sometimes necessary. Cell phones are not permitted during a test.
  - You are encouraged to seek help from any available resource on homework and worksheet assignments, but each individual (or group, when applicable) must do an individual write-up.
  - Copying another group or individual's work is strictly prohibited.
  - **For all lab assignments if worked in groups:**
    - All members must be present (at the same place at the same time) during the completion and write-up of all answers and explanations to all problems in the lab.
    - Each person in the group and only a person in the group should have his / her own copy of the completed lab.
    - Your use of a completed worksheet for a quiz signifies that you contributed significantly to the work, that you accept responsibility for the completed lab and that all of what is written accurately represents your understanding of the material.
  - You are encouraged to work together on in-class assignments. However, the completed work signifies your knowledge and understanding of a topic.
  - Classroom behavior affects the individual student and his/her fellow students. You are expected to respect your classmates and instructor.
  - **The Honor Code applies to signing in-class assignments and attendance sheets.**

**YOU ARE RESPONSIBLE FOR MISSED CLASSES AND ANNOUNCEMENTS.**

Math 1016 is a PREREQUISITE FOR THIS COURSE.
Math 2015 partially duplicates Math 1206. See me if you already have credit for 1206.

**NOTE:** The Math Assistants in the General Computer Area of the Math Emporium will only provide help for the Emporium based courses. Assistance for Math 2015 students will be available only in the Tutoring Lab. The hours of operation are: Sunday through Thursday, 4:30 to 9:30 PM and Friday, 10 AM to 1 PM.

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.