MATH 2015
Elementary Calculus with Trig II
CRN 14615, MWF 12:20-1:10pm, McBryde 318

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http://scholar.vt.edu
Office Hours: MW 1:30-2:30, T 9:30-12:30, Th 12-2 or by appointment


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.

Prerequisite: Math 1016 (Math 2015 partially duplicates Math 1206.)

Grading: The following percentages will be used in grading:
- 10% Homework;
- 9% In-class Assignments;
- 10% Lab Quizzes;
- 51% 3 Tests (17% each);
- 20% Comprehensive Final Exam
A score of 90% will guarantee an A-, 80 a B-, 70 a C-, and 60 a D-.

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 graded on a 10-point scale. No late papers will be accepted, however your lowest homework grade will be dropped.

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. 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 by the due date. The quiz must be taken individually.

Tests: 3 common-time tests will be given throughout the semester. Makeup tests may be given for excused absences with a written verification. Excused absences consist of medical problems or
emergencies with appropriate documentation. Unexcused absences will result in a zero score. The locations for the tests will be announced on the Math 2015 web page. Tests will be given on Thursday evening at 7 PM of the week listed on the syllabus.

Test 1 - February 20  Test 2 - April 3  Test 3 - May 1

Final: There will be a common comprehensive final exam given on Tuesday, May 13 at 1:05-3:05pm.

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 done in groups:
  • All members must be present (at the same place at the same time at the same computer), during the write-up of all answers and explanations to all problems in the lab.
  • Only your group members will have participated in your final write-up.
  • 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.
• The Honor Code applies to signing the attendance sheet and in-class assignments.

YOU ARE RESPONSIBLE FOR MISSED CLASSES, ASSIGNMENTS AND ANNOUNCEMENTS.

Note: In addition to help during my office hours, assistance for Math 2015 students is available in the Tutoring Lab at the Math Emporium during the following hours;
Sunday through Thursday: 4:30 PM-9:30 PM and Friday: 10 AM-1 PM.

From the Math Dept: If you are not on the class roll that comes out after the last add date, immediately check your schedule and start attending the proper section. 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.

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.