MATH 2214  Differential Equations  Spring 2015
CRN: 14623
Surge 103A
3:30 p.m. – 4:45 p.m. TR

Instructor: Daniel Schmidt
Office: McBryde Hall 463C
Office Telephone Number: (540) 231-4082
Email Address: dfs@vt.edu
Course web page: www.math.vt.edu/courses/math221
Office Hours:
   Tuesday:  1:00 p.m. – 3:00 p.m.
   Wednesday:  1:00 p.m. – 3:00 p.m.
   Thursday:  11:00 am – 1:00 p.m.
(and other times by appointment)


PREREQUISITES: Linear Algebra (MATH 1114 or MATH 2114) and Integral Calculus (MATH 1206 or MATH 1226 or MATH 2015 or MATH 1026)

CONTENT: We will cover the material listed on the course syllabus, roughly corresponding to chapters 1 – 4 and part of chapter 6 in the text.

HOMEWORK/QUIZZES: Homework and/or in-class quizzes will be assigned regularly. Late assignments will normally not be accepted. Your homework/quiz average will be worth 20% of your final grade.

TESTS: There will be three in-class tests, each worth 20% of your final grade. If you must miss a test due to an illness or other emergency, I may choose to arrange a make-up test: otherwise your final exam score will replace your missed test grade.

FINAL EXAM: The final examination counts for 20% of your final grade. The final for this course will be on Friday, May 8, 7:00 p.m. – 9:00 p.m. (probably not in our usual classroom). 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. Be sure to plan ahead for this.

GRADING: Grades are assigned as follows:
Homework/Quizzes: 20%
Tests (3): 20% each
Final Exam: 20%

For 90% of the total possible points you will receive at least an A-, 80% a B-, 70% a C-, 60% a D-.

HONOR SYSTEM: You must abide by the Virginia Tech Honor Code for all graded work. All tests and quizzes must be entirely your own work. Tests and quizzes are closed-book, closed-notes, and calculators are not allowed. On homework assignments, you are allowed to work with each other and use calculators and other resources, but your final work must be in your own words. Under the Honor
Code, it is the responsibility of each student to consult with his/her teacher, if necessary, to ensure that the student understands exactly how the Honor Code applies to each piece of graded work.

**RESOURCES AVAILABLE:** There are several resources available to you if you are having difficulty with the course, besides coming to my office for individual help. Math tutors are available to answer questions for all 1000-2000 level math classes at the Tutoring Lab in the Math Emporium. See the Emporium webpage for the schedule: [http://www.emporium.vt.edu/emporium/tutoringlab.html](http://www.emporium.vt.edu/emporium/tutoringlab.html)

For information on private tutors see this site: [http://www.math.vt.edu/people/schmalej/tutors/home.html](http://www.math.vt.edu/people/schmalej/tutors/home.html)

**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. (See my office hours and contact information above.)

**IMPORTANT DATES:**
- Last day to add classes: January 26
- Last day to drop classes without grade penalty: March 2
- Spring Break: March 7 – March 15
- Last day to withdraw from a class with a W grade: May 6
- Classes end: May 6
- Test dates (tentative):
  - Test 1: February 17
  - Test 2: March 26
  - Test 3: April 30
- Final Exam: Friday, May 8, 7:00 p.m. – 9:00 p.m. (room TBA)