Class Policy Sheet  
Math 2214: Introduction to Differential Equations  
CRN: 84532

Class Meeting Time and Place: MW 4:00pm-5:15pm in WLH 340

Instructor: Serkan Gugercin, McBryde 442, phone: 231-6549, e-mail: gugercin@math.vt.edu

Office Hours: MR 10:00 –11:00 am, or by appointment if necessary.


Prerequisites: Math 1226 and (Math 1114 or Math 2114)

Contents: Differential equations are at the core of the mathematical description of physical phenomena. The course introduces important classes of differential equations and techniques for solving them. Familiarity with these techniques is basic for studying any discipline of science or engineering. The course will cover first order ordinary differential equations, second and higher order linear equations, linear systems of ordinary differential equations, numerical methods and the basics of nonlinear differential equations (Chapters 1–4 and 6 of the textbook).

A detailed syllabus can be found at http://www.math.vt.edu/courses/math2214/SYLL2214jkrevised.pdf

Final Exam: December 11, 2015, 4:25pm - 6:25pm. This is a Common Time Final Exam; see the Grading paragraph below for more details about the Final Exam.

Internet Resources: For our section CRN-84532 of Math 2214, all the announcements regarding the course, such as homework problems, due dates and exam schedules, will be posted on Scholar at VT. Students are required to check Scholar at VT daily.

The departmental web-page, common to all sections of Math 2214, can be found at 2214 Course Web Page. This home page gives links to the syllabus, old final exams, Matlab resources, and other useful information related to the course.

Grading: Students are expected to do reading and assignments as they are assigned. Homework assignments will be assigned weekly and an unannounced subset of the homework problems will be graded. There will be three in-class midterms and a two-part in-class final exam. The final grade will be calculated using the following weights: Each midterm will count 20%, the final exam will count 20% (10% common part and 10% my part), and the homework will count 20%. Percentages of at least 90, 80, 70, and 60 guarantee grades of at least A-, B-, C-, D- respectively.

Only with a legitimate written excuse with proper documentation, you will be allowed to take a make-up exam for a missed test, which may be a little harder than the original test. Excused absences include medical problems and emergencies. You must obtain my explicit approval for the excuse. I expect you to do this BEFORE the test if at all possible, since approval is not automatic.

Honor Code: You are encouraged to discuss regular homework assignments with other members of the class, however any submitted write-up and code to be graded should be your work alone. All exams must be worked on independently. It will be announced prior to each exam what aids (books, notes, calculators, etc.), if any, students will be permitted to use. The honor code applies to all graded work in this course.

Failure to follow these restrictions, and giving or receiving unauthorized aid or assistance on homework, midterms exams and the final are Virginia Tech Honor System violations and cases will be filed.

Special Needs: Students, who have any special needs or circumstances, should feel free to meet with me to discuss what can be done to help them fulfill the requirements of the class. Also, they may contact the Dean of Students who will see that their special needs are considered and appropriately addressed.