MATH 302: ORDINARY DIFFERENTIAL EQUATIONS  
TR 9:30-10:50, Jones Hall 306

Instructor:  
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Location:

Text:  
Differential Equations. (Third Edition) by Blanchard, Devaney, and Hall.

Suggested Problems:  
Problems will be given in class and from the book. You are expected to read the text and work (or seriously attempt) the suggested homework problems before attending each class so that you can follow and add to discussions.

Exams:  
There will be 2 preliminary exams which are currently tentatively scheduled for February 24th and April 7th. Finalized dates will be announced in class and on the class website. There will be short quizzes and/or homework assignments due at the beginning of class on the remaining thursdays. The lowest two quiz/homework grades will be dropped in the calculation of the overall grade. No make up exams or quizzes will be given. If you miss an exam due to a documented illness, participation in a university sponsored event, or family emergency, your final exam score will be used to replace the missing exam score. The cumulative final exam will be Friday, May 6th, 9:00-12:00 noon.

Grading:  
Prelim. Exams: 20% each  
Homework and Quizzes: 35%  
Final Exam: 25%

Letter grades will be awarded on the following (rough) scale:  
90 – 100% A, 80 – 89% B, 70 – 79% C, 60 – 69% D, ≤ 59% F.

Academic Integrity:  
Each student in this course is expected to abide by the William and Mary Honor Code. All work on the homework, quizzes, and exams should be done alone unless explicitly stated otherwise.

Additional References:  
Arnold, Ordinary differential equations.  
Boyce and DiPrima, Elementary Differential Equations and BVPs.  
Hubbard and West, Differential Equations: A Dynamical Systems Approach.  
“Differential Equations” on Wikipedia  
Strogatz, Nonlinear Dynamics and Chaos.