

**Math 331-001 FALL 2008**  
**Differential Equations**  
**9:10-10:05 am MWF**  
**TCCW 301**

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**TEXT :** **Fundamentals of Differential Equations**, Seventh Edition, by Nagle, Saff and Snider.  
You are expected to read the book. Always bring your book to class.

**PREREQUISITE:** Math 227 (Calculus and Analytical Geometry II)

**RECOMMENDED COREQUISITE:** Math 307 (Introduction to Linear Algebra)

**CALCULATOR:** Everyone must have a TI-89. Bring your own TI-89 to the tests and final.

**OUTLINE:** Selected sections from Chapter 1 through 8 of the text, plus supplemental material.

**ATTENDANCE:** You will be asked to sign a paper for attendance in each time. A student may earn up to 3% bonus for full attendance.

**HOURLY TEST:** There will be 4 hour tests throughout the semester, each announced well in advance. **Missing an hour test is a serious matter, and make-up test will be arranged only under the most extenuating circumstances provided the instructor is informed in advance.** Tests are closed book. In general, they will contain problems selected from similar homework assignments, lecture examples and book examples, so it is to your advantage to do the homework, attend class and to read the book.

**HOMEWORK:** Practice problems will be assigned daily, and designated problems will be assigned (on an infrequent basis) to be handed in for credit. Hand-in assignment will not be accepted late. Please check the Blackboard ( <https://ecourses.wku.edu/webapps/portal/frameset.jsp>) for assignments. Approximately 6 or 7 homework assignments will be assigned and each will contain about 10-15 problems.

**QUIZZES:** 10-15 minutes-quiz will be given once a week. No make-up will be given unless you have a document which proves your excuse.

**FINAL EXAM:** A comprehensive exam will be given on Tuesday (Dec 09, 2008) at 8:00am -10:00am

**GRADES:** Your final grade for this course is going to be the average of all exams, homework and quizzes.

**OFFICE HOURS:** 11:20am-12:10pm MWF, 2:50pm-4:00pm MW or by capture/appointment.

**DISABILITY:** In compliance with university policy, students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course must contact the Office for Student Disability Services in DUC A-200 of the Student Success Center in Downing University Center.