

Math 7

Mrs. Maria Kelly (email: maria.kelly@reedleycollege.edu)
Hours: T: 11-12, F: 10-11, F: 11-12 – 10:00 (in Math center)
1:00 – 2:00 **by appointment**

MTWTH 10:00 – 10:50
Spring 2010
FEM 1-N (Math Center)
Ext: 3208

Introduction to Differential Equations

CATALOG DESCRIPTION: Introduction to ordinary differential equations; solutions by power series, phase planes, and Laplace transforms, linear algebra, Fourier Series, complex variables.

REQUIRED TEXT:

- Differential Equations & Linear Algebra, 3rd Edition, Edwards and Penney.

TESTS: Four or five tests will be given during the term. These will cover one unit of material and each test will take one class period. The lowest of these test scores may be replaced with the final exam. Students are allowed to use **one** 3" x 5" index card for notes to use during each test. These notes must be handwritten (no duplicated material pasted onto the card) and may not include examples. The instructor will randomly check these cards while the exam is going on and all note cards will be stapled to the exam when it is turned in. **There are no makeups for missed tests!**

GRADING:	60%	Exams
	30%	Homework
	10%	Final Exam

HOMWORK: Homework exercises will be collected on the first class meeting of each week (Monday unless there is a holiday). An assignment sheet will be passed out at the beginning of each unit. Each assignment collected will be worth 10 points and will be graded on completeness, neatness, and effort. Problems must be written out (except word problems) and **all work must be shown** in order to receive credit. When necessary, diagrams and graphs must be included and should be **clear and neat**. All late homework will receive a maximum of five (5) points. **Any homework turned in more than one class session late will receive no credit!**

FINAL EXAM: A two hour comprehensive final exam worth 100 points will be given at the end of the semester during finals week. This final exam is a mandatory part of your grade. If you have missed a previous exam or had a low score, the final exam grade may be used to **replace** a low test score or a missed test. The final exam may **not** be used to replace the homework grade.

ATTENDANCE: Attendance is mandatory. Class attendance will be recorded. If you miss more than six class sessions, you may be dropped. If you decide to drop the course it is **your** responsibility to make the drop official in the Admissions and Records Office or else possibly receive a grade of F.

<u>Grading Scale:</u>	90 – 100	A
	80 – 89.9	B
	70 – 79.9	C
	60 – 69.9	D
	< 60%	F

Important Dates:

- *January 18, 2010 – Martin Luther King, Jr. Day (no class)*
- ***January 29, 2010 – Last day to add or to drop and avoid a "W"***
- *February 12-15, 2010 – Lincoln and Washington Day (no class)*
- *February 16, 2010 – Last day to file for Pass/No Pass grading basis*
- ***March 12, 2010 – Last day to drop***
- *March 29 – April 2, 2010 – Spring Recess*

FINAL EXAM DATE: Monday, May 17, 2010 – 10:00-11:50 a.m.

NOTE: If you have a verified need for an academic accommodation or materials in alternate media per the Americans with Disabilities Act or Section 504 of the Rehabilitation Act, please contact me as soon as possible.