

Numerical Solution of Differential Equations
MATH 442, SPRING 2007

Section: TR, 11AM, 1-117 Wilson Hall,

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Office Hours: Mon. - 10am, Tues., Thurs.- 1pm (and others by appt.)

Textbook: *Numerical Mathematics and Computing* by W. Cheney and D. Kincaid

Pre-requisites: Math 221 and Math 225

Grading: There will be two tests - a midterm and a final exam. Each will be graded on a 100-point scale. The tests are cumulative, but the focus of each will be the most recent material covered in class. Homework will be assigned and collected as a unit. Students are expected to clear up questions using the **Office Hours** posted above. I strongly suggest that you keep a folder consisting of class notes and completed homework assignments. I also strongly suggest that study groups be used as a mechanism for learning as well as for sharing ideas and knowledge. A handout will be issued detailing guidelines for the term project. The table given below shows the percentage of your final grade that is reserved for each of the categories mentioned above. Earning at least 90% will guarantee a score of A- or better, 80-89% guarantees B- or better, 70-79% guarantees a C- or better and 60-69% guarantees D- or better.

Term Project	20%
Homework	40%
Tests (2)	40%

Calculators are not allowed on Tests unless specifically stated.

Make-ups: No make-up tests will be given. If you miss a test due to a documented illness, family emergency or other extreme circumstance, the weight of your remaining grades will be adjusted to compensate provided I receive a written excuse within a *reasonable* amount of time after the missed test.

Final Exam: Thursday, May 10, 12:00-1:50pm

General: I reserve the option of modifying these policies where I see appropriate as the course develops.