MATH 238.A – Numerical Differential Equations  
Spring 2004

Textbook: Applied Numerical Analysis,  
by C.F. Gerald and P.O. Wheatley, 7th Ed.

Class Meets: Lafayette Bldg., MWF: Room 403, 12:20 – 1:10

Instructor: Dr. Taras I. Lakoba  
Mathematics & Statistics Bldg. (16 Colchester Ave.), Room 405  
656-2610, lakobati@emba.uvm.edu

Office Hours  
MW: 3:30 – 5:30 (use back door after 4:30),  
and by appointment

Contents of course: Chapters 6 – 9

Important deadlines:  
Add/Drop and Pass/no Pass: February 2;  
Class withdrawal: March 26

Homework:  
It will be collected and graded. The purpose of the homework is to help you master  
the techniques covered in class. The tests will be substantially based on the homework  
problems.

Computer work: You are encouraged to use MATLAB when doing some of the  
homework problems. If you encounter a difficulty with this package, I will most likely  
be able to help you with it. You may also use Mathematica. However, if you run into a  
problem there, you will have to solve it on your own.

Tests:  
(a) There will be 3 (three) in-class tests during the semester. Their dates will be an-  
nounced in class at least a week before each test. Make-up exams will be given only if  
you have documented excused absence.  
(b) The final exam will be on Friday, May 7, at 4 p.m.

Grading Policy:  
Each in-class test will be worth 18% of the final grade. The homework will be worth 26%  
of the final grade. The final exam will be worth 20% of the final grade.  
Note: I do NOT drop your lowest grade. Thus, ALL the grades that you earn during  
the semester will contribute to your final grade, as detailed above.

Special acomodation: Students with disabilities who require special accomodation  
must notify the instructor of their needs within the first two weeks of the semester. They  
must also provide a formal letter from the Office of Specialized Student Services.