APPLIED NUMERICAL METHODS (MATH 408U/508)
SYLLABUS
Fall 2001 - Session 1
TTh 1:30-2:45 pm, Ed 128
Call # 12726/12733

Instructor:	Dr. Przemyslaw Bogacki, Office: BAL 535, phone # 683-3262 E-mail: pbogacki@odu.edu		
Office Hours:	Mon. 12 - 2 pm; Tue., Thu. 11:30 pm - 12:30 pm (effective September 4), or by appointment		
Text:	NUMERICAL ANALYSIS by Burden and Faires, 7th Edition (First 5 chapters will be covered with some omissions.)		
Course web page:	http://www.math.odu.edu/~bogacki/math408		
Grading Policy:	Homework/Computer Assignments, etc.	50%	
	Midterm Tests	20%	
	Final Exam	30%	(Dec. 11, 12:30 - 3:30 pm)

Since each student signs an Honor Pledge when applying to the University, it follows that each piece of work submitted by a student must be his or her own work - this applies to all the work you will be asked to submit during this course, unless the instructor specifically states otherwise.

A discussion board will be set up for this course under the URL

http://www.math.odu.edu/~bogacki/discus

As a part of your participation in this course, you are required to check the discussion board regularly. To post to the board you will need a user name and password. Your user name corresponds is your ODU e-mail account name, e.g., if your ODU e-mail address is jsmit123@odu.edu then your discussion board user name is jsmit123. Your initial password is initially set to your ODU ID (usually your SSN) - nine digits without any dashes ("@" is replaced by "0"). When you first visit the discussion board, please select "Edit Profile", then

- set up the e-mail notification (check only the course(s) you are enrolled in) so that you will be alerted to any new messages posted to the board, and
- change your password.

Contact Dr. Bogacki immediately if you have trouble posting to the board (e.g., if you forget your user name or password). Note that all messages posted to the board are visible to everyone - if this does not suit you, use e-mail instead.

Make-up policy

There will be no make-up assignments or tests.

Under exceptional circumstances, beyond the student's control,

a. the final exam grade may be recorded for ONE (and only ONE) missed **test**, and
b. an **assignment** that the student missed, may be dropped.

The student must provide written documentation of the reason for missing the test or assignment, no later than one week after the test or assignment date. If this explanation is approved by the instructor, the test or assignment grade will be adjusted according to a. or b. above, respectively. Otherwise, a score of zero will be entered for the missed test or assignment.

Students are responsible for getting class notes and assignments from other students in the class, and for keeping up with the class and assignments.

Homework

Homework assignments will be announced in class. In addition to specific instructions given with the problems, follow these guidelines:

- Solution of each problem should be self-contained. Show all the work (formulas used, etc.), and not just a table of numbers.
- When possible, quantitatively and qualitatively compare the approximate answer to the exact answer.
- Whenever appropriate, include graphs with explanations in your solution.
- Unless otherwise stated by the instructor, each assignment is due **at the beginning of the class** on the due day. Late assignments will not be accepted.

Class demonstrations and some assignments will be using Mathcad 2000 Professional. If you want to purchase a copy of Mathcad to use in conjunction with this class, then make sure it is either Mathcad Professional or Mathcad Premium. Other versions of Mathcad do not include programming features needed for this course.

If you work on computer assignments in the open lab (Ed 126), then

- you **may** ask lab assistants questions about the system (e.g., how to log out), or basic Mathcad features (e.g., how do I graph a function), but do **not** expect them to be familiar with advanced Mathcad constructs such as programming.
- you **may not** ask lab assistants, or **anybody else** mathematical questions directly related to your computer assignments, or other assignments that you are going to turn in for credit. **Your instructor is the only person whom you are allowed to ask such questions.**

Class attendance and participation is crucial to successfully completing the course.