

**MATH 338/COSC 338 – Introduction to Numerical Methods  
Fall 2008**

233380000001/493380000001: 9:30 - 10:45 TR in Darden 232

**Professor:** James Vance

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**Office:** Darden 237

**Office Hours:** MWF: 12:00-3:00

**Text:** An Introduction to Numerical Methods: A Matlab Approach, 2<sup>nd</sup> Edition, by Abdelwahab Kharab and Ronald Guenther,

**Prerequisite:** Successful completion of Math 205 with a C or better

**Description and Objectives:** Theory and techniques of numerical computation including interpolation, finding roots, solving systems of equations, and numerical integration.

**Grading:** The grade will be based upon 3 criteria: in-class exercises/homeworks, a midterm exam and the final exam. The in-class exercises/homeworks 40%, the midterm 30%, and the final 30% of your final grade. The course grade will be assigned as follows:

90-100	A
80-89	B
70-79	C
60-69	D
0-59	F

A plus or a minus may be assigned.

**Honor System:** The University of Virginia's College at Wise Honor System will be strictly enforced. Exams must be solely the individual's work. Homework, however, may be completed in collaboration with others.

**Make-up Policy:** Make-up exams will not be given. Late work will not be accepted. (Note: Exceptions to the late-work policy may be made for individuals in the event of serious illness or personal emergency at the instructor's discretion; contact the instructor immediately if such a situation arises. Exceptions generally will be made only if the instructor is notified about any emergency **prior** to the due date of any affected graded work.)

**Attendance:** Attendance will be taken. You are responsible for all announcements made in class.

**Special Needs Students:** If you need course adaptations or accommodations because of a disability, if you have emergency medical information to share with me, or if you need special arrangements in case the building must be evacuated, please make an appointment to talk with me as soon as possible. My office location and hours are above.