

Math 103: Finite Mathematics
Winter Semester, 2002

Course Instructor:	Dr. Stephen Smith
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Office Hours:	M 1-2 & 6:30-7; Tu 3-4; W 1-2 & 6:30-7; Th 3-4; or by appointment

Brief Description of the Course:

This course is designed primarily for students in business, economics, management, and the social and life sciences. MA 103 builds on the algebraic skills of MA 100 while emphasizing applications, modeling, and decision-making from business, social and natural sciences, medicine, and other areas. It is a prerequisite for MA 171 and can be used as a Liberal Studies elective under Division III Natural Sciences/Mathematics.

Prerequisite

MA 100 (passed with C- or better) or satisfactory score on Math Placement Exam.

Text:

Maki & Thompson (1996). *Finite Mathematics*, 4th Edition. McGraw Hill.

A graphing calculator or TI Interactive (on your laptop) is required. In class demonstrations will generally be done using the latter. If you use a graphing calculator, you are responsible for learning how to use it to solve problems. I am happy to help you do so *during office hours*. **Do NOT expect me to teach you how to use the calculator or TI Interactive immediately before or during quizzes or tests.** Make sure your batteries are good **before** tests start. You will **NOT** be allowed to share or borrow calculators or laptops.

Student Responsibilities:

- Attend every class session. Roll will be taken.
- Do all reading and problem assignments--you are responsible for ideas, conventions, & language presented in assignments.
- Allocate study time. Studying involves more than merely doing assignments. You should also spend time outside of class thinking about lectures & in-class activities. What made sense? What didn't? If X is true for this case, why is it (not) true for another case? Do these ideas extend to similar objects? & so forth.
- Form study groups & work with other members of the class.
- If you have questions, ask them--in class, in office hours, or via e-mail. I'm not good at answering questions that are not asked.
- When I ask questions in class, volunteer your ideas. Students who participate in class--whether their ideas turn out to be right or wrong--generally do better than those who don't. There is NO penalty for wrong answers during class discussions.

Assessment:

There will be a test or quiz most every week. Quizzes may be announced or pop. There will be three (3) in-class tests and a cumulative final. Test dates will generally be announced about one week in advance. Homework will be assigned but not turned in or graded.

If you have questions about any homework problems, contact me either via e-mail or by going to my office. If a number of people contact me about a particular problem or set of problems, I will likely do some examples in class. *However, you should seek help on homework prior to 6:55 PM when I walk into class!*

You will be graded on classroom participation (participation will be the equivalent of two quiz grades). A participant is someone who not only attends class every day (and arrives on time), but who is prepared and actively contributes to learning activities. You should be prepared to contribute to the professional conversations of our class. As in any professional setting, it is your responsibility to notify me in advance if you are unable to attend. Absences negatively affect your grade. All material in the course is cumulative and once covered in class or assigned is fair game for any test or quiz.

The two lowest Quiz grades will be dropped. As a result, no make-ups of Quizzes will be allowed. A make-up for a missed test will be given only under exceptional circumstances and prior approval of the instructor will be required.

Grading Scale

A	93-100 percent	A-	90-92 percent		
B+	88-89 percent	B	83-87 percent	B-	80-82 percent
C+	77-79 percent	C	70-76 percent	C-	67-69 percent
D	60-66 percent				
E	below 60 percent				

If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Disability Services Office at 1104 University Center (227-1737). Reasonable and effective accommodations and services will be provided to students if requests are made in a timely manner, with appropriate documentation, in accordance with federal, state, and University guidelines.