

Math 1160, Finite Mathematics and Intro to Calculus, Section 1, 5 credits, Spring 2008

Instructor: Laura Zimmermann

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Office Hours: MTuTh 1-2pm, W 4:15-5:15pm, F 11am-12pm or by appointment

Graduate Teaching Assistants: Shanshan Ding SCC 115 Office hours: M 12-1pm, Tu 2-3pm, Th 9-10am

Annette Katich SCC 152 Office hours: MW 3:30-4:30pm, Tu 10:30-11:30am

Meeting Times: lecture: MWF 8:00-8:50am in LSci 185

discussions: TTh sec 2 8am KPlz 395

sec 3 10am KPlz 395

sec 4 11am KPlz 395

sec 5 12pm SpHC 208

sec 6 2pm Tu: SpHC 210 Th: DAdB 16A

sec 7 4pm KPlz 395

Prerequisites: SP–Math 1005 or math placement; QP-1001, 1002

Text: *Finite Mathematics and Applied Calculus* by Warner/Costenoble

Course Description: This course covers elementary functions, matrices, graphical and algebraic methods for solving systems of linear equations and inequalities, introduction to linear programming, and abbreviated treatment of calculus with emphasis on business and social science applications.

Course Content: The topics that we will cover are Chapters 1-4, 9-14. Some supplemental material may occasionally be presented in class.

Calculators: A calculator may be useful at times. However, any calculator that is capable of symbolic manipulation will not be allowed. This includes the TI-89. See the instructor if you are unsure if your calculator is acceptable. You must show your work (thought process) for all problems, thus answers arrived at by calculator alone will be granted very few, if any, points. The instructor may limit or disallow the use of a calculator (or just a graphing calculator) on some or all quizzes and exams. Sharing a calculator during a quiz or an exam will be considered cheating and result in an immediate zero.

Communicating Devices: Cellular telephones and other communication devices, including iPods, are prohibited during class. Please inform me of any circumstance that may need special consideration. Having any communicating device out during a quiz or exam will be considered cheating and result in an immediate zero.

Homework: Homework will be posted on my website. It will typically be turned in to your TA at the **end** of discussion on Thursdays unless otherwise notified. This is the only way to turn in homework. Homework turned in late or to either the instructors or the TA's mailboxes will not receive credit. Homework problems and due dates will be posted on the above website. Homework must conform to the "HOMEWORK GUIDELINES". Your solutions must show your thought process, not just the answer. Answers without supporting work will not receive full (if any) credit. Cooperation on assignments is encouraged, but copied assignments will not be tolerated and will receive a score of zero. You may not use any source that has the solutions to the assigned even-numbered exercises.

Late homework will not be accepted.

Online Homework: Online Homework will be assigned weekly. Online Homework will be due before **11:59 p.m.** on the due date. You are required to have access to a reliable internet connection during the semester in order to do this homework. There are four basic computer labs on campus <http://www.d.umn.edu/itss/labs/maps/index.html>. At the end of the semester, your lowest online homework score will be dropped. The online homework can be found at <http://www.webassign.net>. Your username is the same as your University username. The institution is d.umn. Your initial password is finite1. Please change your password after logging in for the first time. You will need to enter an access code that was either purchased with your book or from the webassign website.

Participation: Throughout the semester, there will be in-class activities during lecture and discussion. I expect full participation from all students. There is no way to make up lost participation points for any reason. In addition, your TA will monitor your attendance and participation during discussion throughout the semester and you will receive participation points at the end of the semester based on your results.

Quizzes: Quizzes will be given during the second half of discussion on most Tuesdays. The quizzes will typically cover the same material as the homework that was turned in the previous week. The lowest quiz score will be dropped.

Exams and Final: There will be three exams and one final exam given during the semester. I will announce the dates at least a week ahead of time in class and post them on my website. The tentative dates are Friday February 22, Friday April 4, and Friday May 2. The comprehensive final will be Friday, May 16 from 8-9:55am.

Missed Exams or Quizzes: Missed quizzes or exams will be assigned a zero score unless you provide a valid written, signed (by a doctor, for example) excuse for your absence; unless it is not possible to do so, you must provide verbal notice ahead of time to your instructor for the absence. Arrangements for a makeup should be made as soon as you know you will miss. Do not wait for the next class. You can leave the instructor a message 24 hours a day by phone or by email. Oversleeping, poor preparation, slight colds, and cold weather are not valid excuses. Remember that one quiz score will be dropped, so you have a bit of a cushion. You may arrange makeup quizzes with your TA, but makeup exams must be made with the instructor only.

Grading: Written Homework 12%
Online Homework 8%
Quizzes 12%
Participation 3%
Exams (3) 45%
Comprehensive Final 20%

Grading Scale:	93-100% A	83-86% B	73-76% C	60-66% D
	90-92% A-	80-82% B-	70-72% C-	Below 60% F
	87-89% B+	77-79% C+	67-69% D+	

If you have questions about any of the grading, please arrange to talk with the instructor about it within a week of its return. I will use egradebook to keep track of your scores. There is a link on my website. Please let me know as soon as possible if you find an error. (A zero may mean that the score hasn't been recorded yet. So, wait a day and check again.) Keep all homework, quizzes, and exams as proof of your scores.

Student Academic Integrity Policy: Academic dishonesty tarnishes UMD's reputation and discredits the accomplishments of students. UMD is committed to providing students every possible opportunity to grow in mind and spirit. This pledge can only be redeemed in an environment of trust, honesty, and fairness. As a result, academic dishonesty is regarded as a serious offense by all members of the academic community. In keeping with this ideal, this course will adhere to UMD's Student Academic Integrity Policy, which can be found at <http://www.d.umn.edu/assl/conduct/integrity>. This policy sanctions students engaging in academic dishonesty with penalties up to and including expulsion from the university for repeat offenders.

Student Conduct Code: The instructor will enforce and students are expected to follow the University's Student Conduct Code (<http://www.d.umn.edu/assl/conduct/code>). Appropriate classroom conduct promotes an environment of academic achievement and integrity. Disruptive classroom behavior that substantially or repeatedly interrupts either the instructor's ability to teach, or student learning, is prohibited. Disruptive behavior includes inappropriate use of technology in the classroom. Examples include ringing cell phones, text-messaging, watching videos, playing computer games, emailing, or surfing the Internet on your computer instead of note-taking or other instructor-sanctioned activities.

Liberal Education Statement: This course satisfies Category Two – Math, Logic and Critical Thinking. This course introduces students to mathematics essential to business and economics majors. Topics include matrix applications, linear programming, and calculus and its role modeling real-world problems.

Special Needs: Individuals who have a disability, either permanent or temporary, which might affect their performance in this course are encouraged to inform me at the beginning of the semester. Adaptation of methods, materials or testing may be arranged in order to meet your needs.

Tutoring Center: In addition to office hours, help is usually available M-F at the Tutoring Center in SCC 40. The website is <http://www.d.umn.edu/tutoring>.