

22M: 013 Mathematics for Business
Spring 2009

Prof. J. Simon

Lecture Time & Location: M/W/F 1:30-2:20 LR1 VAN

Discussion TA _____ Time and room: Tues, Thurs _____

Lecture Professor: J. Simon	TA Office _____
Office: 1-D MLH	TA Hours _____
Office Hours: (t.b.a. + by appointment)	TA email _____
Telephone: Office: 335-0768;	TA phone _____
e-mail: jsimon@math.uiowa.edu	

Mathematics Department Phone: 335-0714. You may also leave messages with the department receptionist in 14 MLH.

Drop-Add all handled by the individual TAs

Required Text: *Precalculus* (special UI edition) by Larson and Hostetler, 7th edition.

Course Prerequisites: 22M:002, or satisfactory score on the mathematics placement exam, or two years of high school algebra and one year of high school geometry.

Course Goals: Understand and use algebraic and exponential-log functions needed for modeling in management and economic sciences and further math courses, in particular 22M:017. Topics include algebra ideas and techniques, functions and functional models, exponential and logarithmic functions and models, introductions to linear programming and to calculus. Most topics include constructing and interpreting graphs. Many examples and applications are from management, economic sciences, and related areas. This course satisfies the CLAS "QFR" General Education requirement.

More on Prerequisites: The official prerequisite for 22M:13 is 22M:2; however, I believe a conscientious student with solid mastery of the material from 22M:1 can succeed in this course ("succeed" here means "aim for an A"). If you have less than solid mastery of 22M:1 material, then I think you will have difficulty in 22M:13. The first two days of the course (Tues 1/20, Wed 1/21) will be devoted to a very quick review of some basic algebra; there will be a quiz on Thursday 1/22 based on this prerequisite material.

Routine: A typical week has three hours of "lecture" and two hours of "discussion". (But "Discussion" sections might sometimes include new material; and I often involve students in the "Lecture".) There will be two mid-term exams, a final exam, and quizzes (usually Thursday) in discussion periods. Midterms will be 90 minutes, given in the evening (see dates below). Students are expected to attend lecture and discussion sessions and to study the text. Whether or not we cover some specific item in class, whether or not we work examples of every kind of problem in a chapter, you are responsible for every idea, technique, formula, method, approach, and problem that is presented in class, TA classes, or the assigned text sections. I will try to make clear what I consider the most essential material.

Examinations and Grading:

Exam 1	20%	Monday Feb 23, 5:30-7:00 pm, room W10 PBB
Exam 2	20%	Monday April 13, 5:30-7:00 pm, room W10 PBB
Final Exam	30%	Wed May13, 7:30-9:30 am, room LR1 VAN.
Discussion Section	30%	

The discussion section grade will be based on quizzes and classroom participation.

The course is not curved. Each student gets a grade that represents our estimate of the extent to which you have mastered the material of the course. There will be (+/-) grades. Because this course is intended to prepare you for further coursework, in particular 22M:17, I plan to give very few, if any, final grades of "D": a student should either pass the course in a confident way, or take it again.

To avoid falling behind, and because we are a large class, it is important that you take the examinations and quizzes at the scheduled times. **Make-up exams and quizzes will be scheduled only for those who have valid compelling reasons as defined in University policies. If you have a course or other required University activity that conflicts with one of our evening midterm exams, contact me at least 2 weeks ahead of the exam in order to allow time to arrange/negotiate how/when to take the exam. To request a make-up for a missed exam or quiz, you must provide a written statement to the professor (for exams) or TA (for quizzes) of the reason for your missed work, including the name, address, and phone number of a health professional, minister, or other appropriate individual who can verify your circumstances.** Religious holiday, significant illness, or family emergency are the usual reasons for allowing make-up of missed work.

Calculators: You may not use (or have available) any calculators or any other electronic devices during exams or quizzes.

THE MATHEMATICS TUTORIAL LAB: 314 MLH The Math Lab is a free drop-in tutorial service staffed by math TAs. The hours have been 9:30-4:30 Monday-Thursday, 9:30-12:30 Friday and Sunday-Thursday 6:00PM-9:00PM. The Lab provides one of the best ways of getting personalized help. Practice quizzes and exams are also available in the Lab. From time to time tutorials on special topics may be offered. All TAs can help you there, not just the M13 TAs. See <http://www.math.uiowa.edu/MathTutorialLab>

Note for students with disabilities: Please contact me immediately if you have documentation from the Student Disability Services office requesting academic accommodations in testing or other aspects of the course.

Additional policy information: The material posted on the M13 ICON web site labeled "CLAS Include in Course Description" has been provided by the College of Liberal Arts and Sciences to include with all Course Descriptions.

I hope that all of us will deal with each other throughout the semester in a cordial and professional manner, that we will learn from each other, and enjoy our time together.

Universal disclaimer: The Course Description and Schedule (posted) represent my best estimates at the time of writing. Changes may be announced in class and/or by email.