

Quantitative Analysis, Math 1100-4, Spring 2012

TIME AND LOCATION TH 6:00-7:30 p.m.
JTB 130

INSTRUCTOR AND CONTACT INFORMATION
Instructor: Anna Schoening
E-mail: anna@math.utah.edu
Website: www.math.utah.edu/~anna/Spring12
Office: JWB 306
Office Hours: Thursdays 4:30-5:30 p.m., and other times by appointment.

TUTORING CENTER The Rushing Math Center offers free drop-in tutoring, a computer lab, and a study area for undergraduates. The Rushing Math Center is located between LCB and JWB. The hours of operation are Monday through Thursday from 8 a.m. to 8 p.m. and Friday from 8 a.m. to 6 p.m. More information about the math center can be found at www.math.utah.edu/ugrad/mathcenter.html

TEXT *Mathematical Applications for the Management, Life, and Social Sciences*, Harshbarger and Reynolds, Special Eighth Edition for the University of Utah, Volume II.

TOPICS COVERED Differentiation, maximizing and minimizing functions, graphing, marginal analysis and the optimization of constrained functions, integration and applications, partial differentiation. We will cover most sections in Chapters 9-14 in the textbook.

PREREQUISITES A grade of C or better in Math 1050 or 1090, or an Accuplacer test score of 80 or better.

GRADING There are two possible grading schemes for this course. Your grade will be calculated using both schemes, and you will be assigned the better of the two grades.

Scheme 1: Your final grade will be determined from the following components:

Homework	20%
Exam 1	20%
Exam 2	20%
Exam 3	20%
Final Exam	20%

Scheme 2: Your final grade will be determined from the following components:

Homework	20%
Average of highest 2 Midterm Exams	40%
Final Exam	40%

After your numerical grade is calculated, the letter grade will be assigned as follows:

A: 100-93	A-: 92-90	
B+: 89-87	B: 86-83	B-: 82-80
C+: 79-77	C: 76-73	C-: 72-70
D+: 69-67	D: 66-63	D-: 62-60
E: 59-0		

HOMEWORK Homework will be due every Thursday, starting Thursday, January 19, and possibly also Tuesday, April 24 (the last day of class). Assignments will be posted on the class website and announced in class. Problems must be done on 8.5" by 11" paper in the order assigned. Assignments are due by the end of class on the due date. Late homework will not be accepted. If no work is shown, there may be no credit given. Illegible homework will receive no credit. Staple multiple page assignments and tear off rough edges before handing in homework.

The Diagnostic Problems given the first day of class will also be counted as a homework assignment.

EXAMS	<p>There will be three midterm exams, as well as the Final Exam. Exam 1 will be given in class on Thursday, February 9, and will cover material in Chapters 9 and 10. Exam 2 will be given in class on Thursday, March 8. It will cover material in Chapters 10, 11, and 12. Exam 3 will be given in class on Thursday, April 12, and will cover material from Chapters 12, 13, and 14. The exact sections covered on these exams will be announced at least one week before each exam, and part of the class period before each exam will be used for review. The Final Exam will be cumulative and will be given on Tuesday, May 1 from 6:00-8:00 p.m.</p> <p>No makeup exams will be given, unless due to a documented emergency. If you are unable to make it to an exam for other reasons, this will be the exam dropped in Grading Scheme 2.</p>
CALCULATORS	<p>Scientific calculators (but not graphing calculators, calculators on cell phones, smartphones, computers, or other items that contain a transmitting device) are allowed on exams. However, when doing your homework, graphing calculators can be useful. If you do not own a graphing calculator, another option is to use an online calculator.</p>
COLLABORATION POLICY	<p>Collaborating on homework is allowed and encouraged. Each student's homework should be written and handed in individually. By turning in a homework assignment, you certify that you understand everything you have written down and could do a similar problem on your own. Students who have copied another student's problems should not expect to receive credit for the assignment. Working together on exams is not tolerated, and will be handled according to the Student Code, found at www.regulations.utah.edu/academics/6-400.html</p>
ATTENDANCE POLICY	<p>Attendance will not be taken. However, it is your responsibility to stay up-to-date on the material covered in class and to learn of any announcements given, as you will be held responsible for them.</p>
ADA STATEMENT	<p>The American with Disabilities Act requires that reasonable accommodations be provided for students with cognitive, systematic, learning and psychiatric disabilities. Please contact me at the beginning of the semester to discuss any accommodations you may require for the course.</p>
IMPORTANT DATES	<ul style="list-style-type: none"> • Sunday, January 15- Last day to add without a permission code • Wednesday, January 18- Last day to drop (delete) classes • Monday, January 23- Last day to add, elect CR/NC, or audit classes • Thursday, February 9- Exam 1 • Friday, March 2- Last day to withdraw from classes • Thursday, March 8- Exam 2 • Monday-Saturday, March 12-17- Spring Break • Thursday, April 12- Exam 3 • Friday, April 20- Last day to reverse CR/NC option • Tuesday, April 24- Last day of class • Thursday, April 26- Reading Day (No class) • Tuesday, May 1- Final Exam, 6:00-8:00 p.m.