

Math 403/603 - Measure Theory and Integration
Syllabus and Course Information
Winter, 2008

Instructor Lee Keener, T&L 2514, 960-5990, Office hours TBA

Text *Real Analysis*, 3rd Ed., by Halsey Royden

Grading The grading scheme is unusual and depends upon whether you are registered in Math 403 or Math 603:

Math 403:	20 assigned problems from text @ 2 points	40
	5 problems chosen by student @ 2 points	10
	5 quizzes @ 10 points	50

OR

Final exam	100
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Whichever is higher

Math 603	20 assigned problems from text @ 2 points	40
	10 problems chosen by student @ 2 points	20
	5 quizzes @ 8 points	40

OR

Final exam	100
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Whichever is higher

Grading Comments The assigned problems (so labelled in the text) will have due-dates that will be strictly observed except in cases of documented illness. The reason for this is to allow for the timely distribution of solutions to all students. The problems that are to be chosen by each student at his/her discretion are due on the first day of the exam period. Any problem from Chapters 3-6, or 11-12 that is not assigned by the instructor may be chosen. No solutions will be distributed for them. The quizzes will be of 25 minutes duration and scheduled about every two weeks. They will test only statements of theorems, definitions, and examples/counterexamples from the text or occasionally as introduced as extra material. The exact coverage will be announced before the quiz. There will be no midterm exams. Each exercise or problem will receive one of five possible scores:

Entirely correct or correct with minor errors

2.0