

1100-1/2 Quantitative Analysis, Spring 2008

Arend Bayer

January 7, 2008

1 Contacting me

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Course homepage: <http://www.math.utah.edu/~bayer/1100/>

“Office hour” only means that I will always (try to) be there – you are welcome to come by and try to catch me anytime.

2 Course description

Your goal in this course is to learn “differentiation” and “integration”, and how to use them to study functions. The course textbook is Harshbarger/Reynolds, *Mathematical applications*, volume II.

You probably know already that prerequisites for this course is the material 1090, but feel free to talk to me if you have questions about this.

3 Exams, homework, grading

- Exams**
- 1st midterm is Wednesday, February 20
 - 2nd midterm is Wednesday, April 2
 - The final will be on
 - Monday, April 28, 8.00 am–10.00 am (section 1, 7.30 am class)
 - Wednesday, April 30, 8.00 am–10.00 am (section 2, 9.40 am class)

The final exam will cover the entire semester. All exams are closed-book exams.

Calculators Calculators will be allowed in all exams; however, symbolic calculators (such as TI-89) are not allowed (only TI-86 and lower).

Homework You will get weekly homework, due on Fridays before class. You are **encouraged** to discuss homework problems with others and work on them in groups. (There is no better way to learn mathematics than to discuss problems in groups!) However, you have to write up the solution on your own.

Quizzes Usually on Fridays, roughly bi-weekly, there will be a short quiz (15-20 min) on the material of the homework (and possibly the previous homework). Your worst quiz won't count towards your credit; if you miss a quiz, you will get 0 points. *After you have missed one quiz, you will get 0 points in your credits towards the final grade for every further quiz you miss.*

(I plan to have quizzes on 1/25, 2/8, 2/15, 2/29, 3/12, 3/28, 4/18, —this might change.)

Grading You will obtain 5 grades, which will count as follows towards your final grade: 15% homework, 25% quizzes, 15% each midterm, 30% the final. I will give precise letter grades for the midterms, and you can always ask me about your current grade for homeworks and quizzes.