

MAT 126 — Calculus B, Lecture 02, Summer 08

Instructor: Marcelo Disconzi

1. Useful information

course webpage:

<http://www.math.sunysb.edu/~disconzi/courses/MAT126-SUMMER08/MAT126-SUMMER08.htm>

instructor's e-mail: disconzi@math.sunysb.edu

instructor's office: 2-114 (second floor) of the Mathematics Building

instructor's office hours: Tue 11:00am-1:00pm at the MLC and Thu 5:30-7:30pm at my office (or by appointment)

textbook: Single Variable Calculus: Stony Brook Edition, 3ed, by James Stewart.

2. Grading policy

1. *Homework (30%)* — Homeworks will be assigned every week. A list with the assigned exercises and corresponding deadline will be kept updated in the course webpage.

2. *Quizzes (15%)* — The date of the quizzes will be announced in class and posted on the webpage.

3. *Midterm (20%)* — There will be one Midterm whose date will be announced in class and posted on the webpage.

4. *Final (25%)* — There will be a cumulative final exam. It will be given on Thursday, July 10. The date is non-negotiable.

5. *Class participation (10%)* — All forms of participation will be taken into account in the final grade.

Exercises are going to be assigned every week. Late homework will not be accepted. Part of the grade will also be based on quizzes taken in class. The list of exercises will be updated every week and the date of the quizzes will be announced in class and posted on the webpage, so it is important that you check the website in a regular basis.

There will be no make up policies. If you miss a homework, quiz or the midterms and you have a fair excuse (e.g., a doctor appointment, in which case you have to bring a doctor's note) then the corresponding grade will not be taken into account in the overall grade. But if you miss the final then there is no way you can compensate for it. Incidentally the grades may be curved.

3. Schedule

This is an approximate schedule, minor changes may occur.

Class	Date	Sections
1	Tu 6/3	5.1: Areas and distances
2	Thu 6/5	5.2: The definite integral
3	Tu 6/10	5.3: Evaluating definite integrals
4	Thu 6/12	5.4: The fundamental theorem of calculus
5	Tu 6/17	5.5: The substitution rule and 5.6: Integration by parts
6	Thu 6/19	5.7: Additional techniques of integration
7	Tu 6/24	5.10: Improper integrals and 6.1: More about areas
8	Thu 6/26	6.2: Volumes
9	Tu 7/1	6.3 Arc length and 6.4: Average value of a function
10	Thu 7/3	6.5 and 6.6: Applications
11	Tu 7/8	Review for the final exam
12	Thu 7/10	Final exam