

MATH 10560: Calculus II, Summer 2007

M-F 8:45-10:25, DeBartolo 231

Instructor: Tanya Salyers

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Office Hours:

Tuesday	1-2 pm
Thursday	1-2 pm
By appointment	call or email

Textbook: Stewart, *Single Variable Calculus*, Fifth edition.

Course Content

We will cover Chapters 7 and 8, parts of Chapters 9, 10 and 11, and Chapter 12. The topics are inverse functions, techniques of integration, applications of integration, differential equations, parametric equations and polar coordinates, infinite sequences and series. You are encouraged to read each section of the text before it is covered in class. To do well, you must keep up with the homework and review frequently.

Exams and Quizzes

We will have three in-class exams, with the third being counted as the final exam. However, all three exams will be equally weighted and will be cumulative only in the sense that all of mathematics is cumulative (i.e. many aspects of integration require knowledge of differentiation). We will also have four in-class quizzes. Each quiz is considered a half of an exam in length and weight. A student who misses an exam or quiz will receive zero points for that exam or quiz unless he or she has a valid excuse. If you have a valid excuse (illness, excused athletic absence etc) for missing an exam, please see me ASAP (preferably before the exam) and a makeup exam will be scheduled.

Homework

Homework problems will be assigned during each class meeting and will be graded electronically. The main purpose of the homework is to help you learn the material. Experience shows that students who take their homework seriously do very well in the course because they have a better understanding of the material. Please refer to a separate document *Information on Online Homework* for details.

Grading

Grades will be assigned at the end of the summer based on 600 points distributed in the following way:

Exams 1 and 2: 100 points each

Final Exam: 100 points

Quizzes 1-4: 50 points each

Homework: 100 (after scaling)

Note: I really want you to feel like you understand all the material from this class. If you ever need to come in for extra help, you can always come at any of my office hours or make an appointment. Furthermore, you are welcome to stop by at any time unannounced and if I am not too busy, I will be more than happy to help you.

Honor Code

Both examinations and homework are conducted under the honor code. While discussion in small groups in doing homework is permitted (and strongly encouraged) in this course, the work should be your own. Letting someone login in your name and do your homework is a violation of the honor code. Exams and quizzes are closed book and are to be done completely by yourself with no help from others. Calculators are not allowed on exams and quizzes.