

Welcome to MAC2312 sections C01 & C03

Lecturers: [Qiyu Sun](#) (1st session 5/15/06—6/23/06); [Zixia Song](#) (2nd session from 6/26/06—8/4/06)

Offices: MAP105 (Dr. Qiyu Sun); MAP106 (Dr. Zixia Song)

e-mails: qsun@mail.ucf.edu; zsong@mail.ucf.edu;

Lecture: Mondays through Fridays 1:00-2:00pm (section C03) and 2:00-3:00pm (section C01) in MAP 407

Office Hours: Mondays through Fridays 12:00-1:00pm or by appointment.

Required textbooks: *Calculus* by [James Stewart](#), 5th edition.

Prerequisites: MAC2311 Calculus I

Purpose of Course: To master the techniques of integration and the fundamental properties of sequences and series.

Lecture Schedule: We will cover chapters 7, 8, 9, 11, 12: Inverse functions; exponential, logarithmic, and trigonometric functions and their derivatives; L'Hospital's rule; techniques of integration; application of integration to arc length, surface area; parametric equations and polar coordinates; tangent lines; areas, lengths in polar coordinates; infinite sequences and series, including convergence tests and Taylor and Maclaurin Series.

Exams: There will be six exams in total with the five highest grades being accounted in the final letter grade. Exams are tentatively scheduled for **Friday, May 26** ; **Friday, June 9** ;

Friday, June 23 in the first session; and **Friday, July 7**; **Friday, July 21**; **Friday, August, 4** in the second session. Please see your lecturer if you have to miss an exam due to an illness or an emergency. A proof will be required.

Homework: Homework from the text will be assigned [here](#), but will not be collected or graded.

Grades: Final course letter grades are given on the standard grading scale:

A: 90%-100%, B: 80%-89%, C: 70%-79%, D: 60%-69%, F: 0%-59% (plus/minus grades will not be assigned).

Attendance and Classroom Conduct: Attendance at lectures is required. Common courtesy requires that students arrive in class on time, and stay the entire class period. Turn your cell-phones and pagers off. Please treat your classmates and instructor with respect and courtesy.

Re-grading policy: If you believe that a mistake in grading has been made you may request that your paper be re-graded. Such request must be submitted in writing to your lecturer within one week from the day the graded test has been returned in class, and must be accompanied by the original (unaltered) paper. If you make any changes to the paper your request will be denied. Please note that if you request re-grading, all problems are subject to review.

Honor Code: Everyone is expected to abide by the guidelines for the Academic Honor Code given in the university [Golden Rule](#). Violations will be reported.

Free Tutoring: Available at [Math Lab](#), located in MAP 113.

Policy on calculators: *Not allowed on any exams and quizzes.*

Course Information: This text can be accessed at [the website for the first session](#) and [the website for the second session](#) .