

MAC 2311 – Calculus and Analytic Geometry I, Fall 2007

Days & Times: Lecture 6: MWF 10:30—11:50 in MAP 121
 Lecture 8: MWF 1:30—2:50 in MAP 121
Instructor: Jason Swanson (jswanson@math.ucf.edu)
Office Hours: MW 12:20—1:20 (or by appointment) in MAP 202E
Course webpage: <http://www.swansonsite.com/W/2311f07>
Textbook: Calculus, Fifth Edition, by James Stewart

Course Description: Chapters 1-6 of Stewart Calculus: Limits; continuity; derivative; derivative rules; Mean Value Theorem; intervals of increase, decrease and concavity; first and second derivative tests; extreme value problems; related rates; definite integrals; Fundamental Theorem of Calculus; calculation of standard antiderivatives, substitution rule; area under a curve; applications of the definite integral.

Grading: Suggested HW problems will be assigned regularly, but will not be collected or graded. There will be four in-class tests and a comprehensive final exam. The tests are *tentatively* scheduled for September 10, October 3, October 26, and November 14. Altogether, the four tests are worth 75% of the overall grade, and the final exam is worth 25%. The required threshold for an A is 90%; for a B, 80%, for a C, 70%. Below 70% is an F. If necessary, however, these thresholds will be lowered to adjust for the difficulty level of the tests and/or final exam.

Make-Up Policy: There are no make-up exams. In the case of documented absences due to family emergencies, illness or official university functions, the final exam will be used as a make-up exam.

Attendance: Students are expected to attend each lecture, arrive in class on time, and stay the entire class period. Mobile phones must be turned off. If you must miss a class, it is your responsibility to find out all information from the class you missed, including material covered, homework assigned, and any other announcements made.