

Section 1: Description

This is the second course in a three-semester sequence of courses (MATH 251, 252 and 253) designed to give Math, Science and Engineering students an understanding of the concepts and techniques of calculus. The courses are taught along the lines set out by the Consortium based at Harvard University which emphasizes conceptual understanding and applications as opposed to symbolic manipulation and formalization. Graphing calculators are thoroughly integrated into the courses. The decision to take this sequence should be made on the basis of your interest, your major, and the requirements of your intended transfer school. Most students who take the courses are majors in Mathematics, Engineering, Computer Science, Physics, or Chemistry. This course will cover techniques of integration, applications of integration, series, and differential equations.

Section 2: Class Information

Class Location: PH213B

Class Meetings: Monday-Friday, 11:10-12:00

Section 3: Instructor Contact Information

Instructor: Evan Leach

Office Location: Building 7, Room 7107

Office Phone: (650) 738-4186

Office Hours: Monday-Friday 8:00-9:00, 10:00-11:00; Tuesday and Thursday 12:00-2:00

Email: leache@smccd.net (Include "MATH 252" in the subject line of your email messages.)

Website: www.smccd.net/accounts/leache

Section 4: Required Materials

Textbook: Calculus, fourth edition, Hughes-Hallet, Gleason, McCallum, et. al., Wiley, 2005

Calculator: Texas Instruments TI-83 Plus or equivalent

Section 5: Important Dates

Last Day to Drop (with partial refund): 29 August 2006

Last Day to Drop (without refund): 8 September 2006

Last Day to Withdraw: 14 November 2006

Section 6: Homework

Problems will be assigned for homework each day and collected the following day. Homework assignments must be completed on letter-sized loose leaf paper. Homework scores will be based on accuracy, completeness, clarity, and promptness.

Section 7: Quizzes

Up to five quizzes will be given each week. Quizzes will take place during the last ten to fifteen minutes of class. Make-up quizzes will not be given. A score for missed quizzes will be generated from the subsequent Test.

Section 8: Tests

Three tests will be given. The dates for these Tests will be announced later.

Section 9: The Final Exam

The Final Exam will take place on Wednesday, 13 December 2006 from 11:10-1:40. The Final Exam will be comprehensive.

Section 10: Attendance

Attendance will be taken each day using a sign-in sheet. Ten or more absences will result in a grade penalty. Any student who misses ten or more classes before the Last Day to Withdraw may be dropped by the instructor. Any student who wishes to drop the course must do so via Websmart. Failure to do so may result in a grade of F for the course.

Section 11: Grading Policy

Each student's grade will be based on their performance on Homework, Quizzes, the Midterm Exam and the Final Exam. As stated before, excessive absence from class will result in a grade penalty. Letter grades will be based on the standard scale shown below.

Percentage	Letter Grade
90-100%	A
80-89%	B
70-79%	C
60-69%	D
0-59%	F