MATH 252: Calculus I **Name:** _____

Syllabus

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 Meetings: Monday-Friday 8:10-9:00

Class Location: Building 2, Room 2309

Section 3: Contact Information

Instructor: Evan Leach

Office Location: Building 7, Room 7107

Office Phone: (650) 738-4186

Office Hours: Monday-Friday 9:10-11:00

Email: leache@smccd.net

Website: www.smccd.net/accounts/leache

Section 4: Required Materials

Textbook: Calculus, 3rd edition, Hughes-Hallet, Gleason, McCallum, et. al., Wiley, 2002

Calculator: Texas Instruments TI-83 Plus or equivalent

Section 5: Important Dates

Last Day to Drop (with partial refund): Tuesday, August 30, 2005

Last Day to Drop (without refund): Friday, September 9, 2005

Last Day to Withdraw: Tuesday, November 15, 2005

Section 6: Homework

The best way to learn mathematics is to do mathematics. Homework will be assigned each day and collected the following Monday. Homework assignments must be completed on letter-sized loose-leaf paper. Include your first and last name as well as the assignment number and the assignment itself on each page you submit to me. Staples are not required. Each assignment will be graded in one of two ways. Either five problems from each assignment will be graded on a four-point scale or the entire assignment will be graded on a four-point scale. Late homework will be accepted, but with a penalty. Late homework will not be accepted after the test it applies to.

Section 7: Quizzes

Up to three quizzes will be given each week. Quizzes will take place during the last ten to twenty minutes of the class meeting for which they are scheduled. No make-up quizzes will be given. A score for a missed quiz will be generated from the subsequent test.

Section 8: Tests

Four tests will be given during the semester. No make-up tests will be given. A score for a missed test will be generated from the final exam.

Section 9: The Final Exam

The final exam will take place on Wednesday, December 14, 2005. Two and one-half hours will be given for the final exam. The final exam is comprehensive. Students who miss the final exam will be given a maximum grade of D for the course.

Section 10: Grading Policy

Each student's grade will be based on their performance on Homework (10%), Quizzes and Tests (60%), and the Final Exam (30%).

Letter grades will be assigned based on each student's weighted percentage of points possible according to the following table:

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

Section 11: Attendance

Attendance will be taken each day using a sign-in sheet. Attendance will not be a factor in the calculation of your grade. Any student who misses four class meetings before the Last Day to Withdraw may be dropped by the instructor. Any student who wishes to drop or withdraw from the course must do so via Websmart before the appropriate deadline.

Section 12: Amendments