

**Section 1: Description**

The goal of this course is to provide students with a clear understanding of linear, quadratic (and higher degree polynomials), exponential, logarithmic and trigonometric functions. Throughout the course, there will be an emphasis on conceptual understanding and multiple ways of representing mathematical ideas.

**Section 2: Class Information**

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

Class Location: Room 3A

**Section 3: Contact Information**

Instructor: Evan Leach

Office Location: Building 7, Room 7107

Office Phone: (650) 738-4186

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

Email: [leache@smccd.net](mailto:leache@smccd.net) (Note: Include "MATH 222" in the subject line of all email correspondence.)

Website: [www.smccd.net/accounts/leache](http://www.smccd.net/accounts/leache)

**Section 4: Required Materials**

Textbook: Functions Modeling Change, second edition, Connally, Hughes-Hallet, Gleason, et. al., Wiley, 2004

Calculator: Texas Instruments TI-83 Plus or equivalent

**Section 5: Important Dates**

Last Day to Drop (with partial refund): Monday, 30 January 2006

Last Day to Drop (without refund): Friday, 10 February 2006

Last Day to Withdraw: Friday, 21 April 2006 (This is the Friday *after* Spring Break.)

**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 on each page you submit to me. Staples are not required. Late homework will be accepted, but a penalty will apply.

**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. Make-up tests must be completed within one week of the actual test day. If necessary, 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 \_\_\_\_\_. 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 (15%), Quizzes (10%), Tests (50%), and the Final Exam (25%).

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. Any student who misses ten class meetings before the Last Day to Withdraw (Friday, 21 April 2006 ) *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**

Record any amendments to the syllabus here.