**INSTRUCTOR:** Gary Church  
**Office:** 15-128  
**Phone:** 574-6621  
**email:** churchg@smccd.edu

**WEBSITE:** http://www.smccd.edu/accounts/churchg/

**OFFICE HOURS:** 8:00–10:00 daily

**TEXTBOOK:** Lial, Hornsby & Schneider; *Precalculus*

**PREREQUISITES:** To be eligible for this class you must have completed math 130 (Trigonometry) with a grade of “C” or better OR achieved a sufficient score on the College Placement Test and meet other measures as appropriate.

**CALCULATOR:** You are required to have a calculator for use in this class. A basic “scientific” calculator is acceptable but I strongly recommend the TI-83 graphing calculator. It is an easy-to-use calculator that will serve you well in this and other courses. If you want to get a loaner calculator for use this semester come see me during my office hours.

**GRADING:** Your grade will be based on homework, out of class assignments, frequent quizzes, exams and a final exam. I will drop your lowest quiz score and, if necessary, adjust exam and final scores by adding a constant amount to each student's score to ensure that at least ten percent of the class receive “A’s.” Assignments, quizzes, exams and the final exam will be weighted as follows:

- HW/Assign: 20%
- Quizzes: 20%
- Exams: 40%
- Final Exam: 20%

The final letter grade is calculated as a percentage of the weighted scores based on the ranges:

- A = 100—90
- B = 89—80
- C = 79—70
- D = 69—60
- F = 59—00

A grade of “I” (incomplete) will be given only in the case of an emergency situation.

**MAKEUPS:** In case of absence, you will be allowed to make up one exam if you inform me of your absence no later than one day after the date of the exam and you take the make-up within one week of your return to class. The make-up test will be more difficult than the original exam and will not be curved.

**HOMEWORK:** Homework will be assigned regularly (usually each day). Most homework will be done online using “MyMathLab,” a web-based homework system. Typically each assignment will be due by the evening of the following day so that you will have opportunities to ask questions about the problem set the day following the assignment.

**ATTENDANCE:** Attendance, while not directly affecting your grade, is very important; there is a direct correlation between attendance and grade point average. Attendance will be recorded each class meeting and excessive absence (five or more days) is cause for being dropped from the course, regardless of academic progress. Whether a student is actually dropped depends on individual circumstances.

**MRC:** You are required to sign in to the Math Resource Center (MRC) in 18-202 for at least one hour each week. This time can be spent studying, doing homework or getting help from one of the tutors. More information about the MRC can be found at: http://www.smccd.edu/accounts/csmmrc/

**FINAL EXAM:** The final exam is comprehensive and will be given on Wed., May 26, 11:10–1:40.

**IMPORTANT DATES:**

- Last day to add or to drop with possible class fee refund: Mon., Feb. 1.
- Last day to drop with no mention of course on transcript: Tu., Feb. 16.
- Last day to drop with a guaranteed “W” grade: Th., April 29.
  No “W” grades will be given after this date! Please bring me a drop slip if you decide to drop the class.
**Student Learning Outcomes**  Upon completion of this course, a student will be able to (at a course appropriate level):

- Solve and apply equations and inequalities including linear, quadratic, absolute value, polynomial, rational, radical, exponential, logarithmic, and trigonometric equations.
- Graph linear, quadratic, absolute value, polynomial, rational, radical, exponential, logarithmic and trigonometric functions, and parametric equations.
- Perform function operations including composition, transposition, and finding inverse functions.
- Apply techniques for finding zeros of polynomial functions.
- Solve systems of equations by application of algebraic techniques and/or matrix techniques.
- Apply formulas from analytic geometry.
- Define, recognize, and solve for terms of arithmetic and geometric series.