

23626

DIXIE STATE COLLEGE - - Spring 2011  
MATHEMATICS DEPARTMENT

Course Number: MATH 2989

Course Title: TI-89 Calculator Skills

Section Number: 01

Meeting Time: Mon, Wed, Fri 12:00-12:50 PM  
January 19 to February 18

Room Number: NIB 135

Instructor: Ross Decker

Office Room Number: NIB 135

Office Phone Number: 652-7763

Office Hours: Mon-Fri 9-10 or by appointment

Necessary Materials: A TI-89, TI-92, or Voyage 200 Graphing Calculator

Overview

Since the advent of graphing calculators about 22 years ago, the techniques of doing mathematics have drastically changed. Visual and tactile learners especially benefit from the hands-on experiences available with a graphing utilities. The TI-89 is one of the most advanced graphing calculators on the market. It is amazing just how much mathematics it can do. At the same time, because it can do so much, learning how to utilize even a small percentage of its capabilities can be a challenge. The purpose of this course is to facilitate such learning. Students will be shown step-by-step procedures modeling how to perform useful tasks and computations, as well as where to find the necessary sub-menus within the calculator. Topics will be broad enough that math students from all levels of College Algebra through the Calculus series will learn calculator skills that will assist them in their specific math course.

Grades

Learning in this class is done through participation. As a result, grades will be awarded solely on attendance. There will be a total of 14 class sessions during the dates shown above. Grades will be given as follows:

| <u>Attendance</u> | <u>Grade</u> |
|-------------------|--------------|
| 13-14             | A            |
| 12                | A-           |
| 11                | B+           |
| 10                | B            |
| 9                 | B-           |
| 8                 | C+           |
| 7                 | C            |
| 6                 | C-           |
| 5                 | D            |
| 0-4               | F            |