

Maple Lab Syllabus—Math 141

Fall 2008

This handout is adapted from the USC Lab Syllabus.

Lab Overview

The weekly lab meetings are an integral part of Calculus I (Math 141). These labs are designed with (at least) two purposes:

- to provide hands-on activities that will further your understanding of calculus.
- to provide an introduction to and instruction in the use of modern computer software (Maple)

Lab Materials

All lab materials can be downloaded from the WWW. The lab homepage is

<http://www.math.sc.edu/calclab/141L-F08/>

The schedule/assignments will be updated weekly. The Maplets for Calculus link points to a comprehensive list of maplets for use in calculus courses. (You are encouraged to add one or more of these URLs to your list of Favorites.)

Access to Maple 12

We will use the computer labs in Hubbard 204. Maple 12 should also be available on computers in two other academic computing labs: Hubb 222 and the ASC computer lab. For work outside of the weekly lab session, feel free to use the computers in an open lab (don't disturb a class in session).

Students in this course may download a full copy of Maple 12 for \$40 or receive the software on a CD for \$70. All purchases under this special plan must be made online at <http://webstore.maplesoft.com/> using the promotion code UOSC245.

Grading

Your lab grade will be based on two lab projects, two lab quizzes, and weekly assignments. Your lab grade counts for 10% of your overall Math-141 grade.

Lab Quizzes	28 points
Assignments	36 points
Projects	36 points
Total	100 points

Academic Honesty

Cheating and plagiarism will not be tolerated in the labs. You may discuss lab assignments with others, but do not copy work from another student, from a book, or from the Internet. Violations of this policy will be dealt with according to University guidelines.