Introduction to the Tutorial

This Tutorial has been designed by the Mathematics Department at Seattle Central Community College, to give you a *complete hands-on* introduction to the basic commands that you will need to use Maple effectively. The six sections of the tutorial will step you through each topic with many opportunities for you to practice and experiment with Maple.

Note: This tutorial was developed to provide a thorough and efficient introduction to Maple for students about to enter a Calculus course. Therefore the tutorial only assumes familiarity with mathematics at the precalculus level.

Each section of the tutorial has the same basic outline:

- ***Examples*** : a sequence of short, completely worked out examples that illustrate each new command.
- ***Exercises*** : short practice problems based on the material from the section. For your convenience a ***Student Workspace*** is provided after each exercise so that you have a separate place to enter your work. ***Answers*** are supplied for all of the exercises so that you can check your progress.

When you have worked through ***Sections 1-6*** continue on to the ***Practice Problems***. These problems will give you an opportunity to try out the full range of Maple commands that you have learned in the Tutorial. By the time you complete these problems you will be ready to use Maple effectively in your math class.

At the end of the tutorial you will find a section entitled "**Maple Quick Reference Card**" . You may find it convenient to print out the contents of this section so that you can have a convenient reference to the syntax of the commands that you will learn in the tutorial.

The Sections 1 - 6 of the tutorial focus on essential Maple commands. For details on the *worksheet interface* see the last section **Notes on the Worksheet Interface.**

>