

Precalculus Tutorial

Overview:

Welcome to the Precalculus Tutorial. This tutorial is available to **incoming** students who have already taken the Colorado State University Mathematics Placement or Challenge Exam (**MPE**) at least one time. To access the tutorial materials, students will need to purchase a Pre-Calculus Tutorial e-text from the CSU Bookstore. Instructions for making this purchase are provided by logging into the Precalculus Tutorial website. The e-text purchased for use with this tutorial will remain valid for all PACe classes (MATH 117-126) during the subsequent fall semester.

Purpose:

The Precalculus Tutorial is an alternate method for **placing out** of courses covered by the **MPE**. It is intended for students for whom it is critical that they place out of these classes so they can register for other classes that significantly affect their degree program in the fall semester. For example, students who **must** enroll in **CHEM 111, CS 163, CS164, MATH 160 or PH 141** during their first semester on campus would benefit from completing this tutorial.

Successful completion of specific sections of the Precalculus Tutorial can be used to:

- **place out of** MATH 117 (College Algebra I section of the PrecalculusTutorial)
- **place out of** MATH 118 (College Algebra II section of the Precalculus Tutorial)
- **place out of** MATH 124 (Functions section of the Precalculus Tutorial)
- **place out of** MATH 125 (College Trig I section of the Precalculus Tutorial)
- **place out of** MATH 126 (College Trig II section of the Precalculus Tutorial)

NOTE: **course credit cannot be earned** by completing the Precalculus Tutorial.

How the Tutorial is Organized:

Each section of the Precalculus Tutorial (for example, the Algebra I section or Algebra II section) becomes available as course prerequisites for that section are satisfied. The order in which the sections appear is pre-defined, and must be completed in the sequence College Algebra → Functions → College Trigonometry. However, students may stop once they have completed the sections that are relevant to the fall classes in which they wish to enroll.

Each section contains four units of material. Each unit contains ten objectives. Students may use the Adobe Acrobat files, instructional videos, and randomly generated Practice Problems to study the material included in each objective. **Version 8 of Java** and the most recent version of Adobe Acrobat Reader must be installed on the personal computer being used to properly access these study materials. Both software packages are available for free download via the internet. Before you begin the Precalculus Tutorial, you will find it helpful to click on the “Set up and test my computer” link found on the login page. This short test will verify if your computer is properly configured to access the study materials contained in the Precalculus Tutorial. This link provides detailed instructions for configuring your computer.

What You Need to Complete:

The chart below lists the requirements for **each** section of the tutorial. You must correctly answer 70% of the exam items to earn a passing score on each of the Review Exams and the proctored Precalculus Tutorial Exam for that section.

NOTE: Each section of the Precalculus Tutorial begins with a Skills Review that reviews background skills which are necessary to successfully complete that section. You must correctly answer 70% of the Skills Review items to proceed with that section of the tutorial.

<i>In Order To Do This:</i>	<i>You Must Pass These:</i>	<i># of Items You Must Answer Correctly:</i>
Place out of a section of the Precalculus Tutorial	Unit 1 Review Exam (10 items) Unit 2 Review Exam (15 items) Unit 3 Review Exam (20 items) Unit 4 Review Exam (20 items) Precalc Tutorial Exam (20 items)	Unit 1 Review Exam (7 items) Unit 2 Review Exam (11 items) Unit 3 Review Exam (14 items) Unit 4 Review Exam (14 items) Precalc Tutorial Exam (14 items)

NOTE: to view previously completed exams, [click on the My Status link](#).

Taking the Precalculus Tutorial Exam:

Incoming students may make arrangements with ProctorU to complete the exam from home prior to starting their program of study on campus. Once the Residence Halls open for fall semester, you may no longer use ProctorU to take the exam. The Precalculus Tutorial Exam is also given in the PACe Testing Center (Weber 138). The exam has a **75 minute time limit**. Calculators are allowed, but you must use the TI-84 calculator provided by the PACe Testing Center when the exam is taken on campus. Reference materials may **not** be used during the exam.

You may attempt the Review Exams and the Precalculus Tutorial Exam as many times as you need to achieve your desired outcome. However, you are permitted only 2 non-passing attempts of the proctored Precalculus Tutorial Exam before you must re-qualify to take this exam. To re-qualify for 2 additional attempts, you must re-pass the Unit 4 Review Exam.

Notification of Results:

You will be able to check your Precalculus Tutorial Exam results immediately after completing the exam. Passing scores for the Precalculus Tutorial Exam are sent to the University's records system every evening at 10pm MST. You may register for classes that need these results to satisfy prerequisites the following day.

Deadline for Completing the Precalculus Tutorial Exam:

You are expected to earn a passing score on the Precalculus Tutorial Exam by the Thursday prior to the start of fall semester, when the on-campus walk-in placement session ends. **After this deadline, you will no longer be eligible to continue working on the Precalculus Tutorial.**