



Department of Mathematics
San Jose State University
San Jose, CA 95192-0103

About the Mathematics Placement Exam for Math 19, Math 30, and Math 30P

To be placed into Math 30P or Math 30, students need to demonstrate basic knowledge of four years of college prep math or Math 19, specifically: college algebra, trigonometry and properties of elementary functions. To be placed into Math 19, students need to demonstrate ability in algebra.

You should not have to prepare for the Mathematics Placement Exam unless you have been away from the study of mathematics for many years. The exam is designed to test what you need to know on a daily basis to understand the content of Precalculus or Calculus. It is important to be well rested so that you can think well.

If you do feel you need to prepare for the Mathematics Placement Exam, then you may want to do the following:

1. For Math 19, buy a copy of Schaum's Outlines "Intermediate Algebra" and solve problems from Chapters 1,2,3, 6 and Sections 4.1-4.7, 5.1-5.5. Cost: \$16.95. You may have access to other intermediate algebra texts that will also suffice. The material is standard. Schaum's is merely the most compact and inexpensive source.

❖ **For Math 19, Review of "College Algebra and Trigonometry"**

by M. Dugopolski, 3rd edition.*

Chapters P.1-P.6, 1.1-1.7, 2.1-2.6, 3.1-3.7, 4.1-4.4, 5.1-5.6, 6.1-6.6, 7.1-7.2

* This book is on reserve in the Martin Luther King, Jr. Library under Mathematics Placement Exam. Bussmann.

❖ **For Math 30 or 30P, Online Review of Precalculus**, by Sullivan, 7th edition. *

Chapters 1.1-1.3,2.1-2.6,3.1-3.2, 3.5-3.6,4.1-4.6,5.1-5.6,6.1-6.8,7.1-7.4,8.1-8.3,9.1-9.4,10.1-10.2,10.7.

* This book is on reserve in the Martin Luther King, Jr. Library under Mathematics Placement Exam or Bussmann.

❖ **New for Fall 2009 – Math Workshops for Math 19, Math 30P, Math 31**

Students who enroll in Math 19, Math 30P, and Math 31 must also enroll in a workshop (Math 19W, Math 30W, Math 31W). The workshops are 1 unit (CR/NC basis) and require concurrent enrollment in Math 19, Math 30P, or Math 31. The workshop is optional for students enrolled in Math 30W.