

The Department of Mathematics will administer a diagnostic test in algebra and trigonometry in the fall of 2004 to all incoming freshmen who plan to register for **Math 150A** or **Math 155A**. Topics covered on the test are the following:

1. Sets and set notation, numbers and absolute values
2. Exponents and radicals
3. Polynomials and factoring
4. Algebraic fractions
5. Inequalities
6. Functions and lines
7. Completing the square
8. Unit circle, trigonometric functions for triangles and the unit circle, values of trigonometric functions for common angles, fundamental trigonometric identities

A student's score will determine one of the following recommendations from the Department:

1. The student is ready to take **Math 150A** or **Math 155A** without further review.
2. The student should take a short refresher course in algebra and trigonometry to be taught during the evenings for the first two weeks of the semester.
3. The student should sign up for **Math 133** (pre-calculus mathematics) for the fall semester.

A schedule for administration of the tests will be provided at *Fall Orientation*.