



**Rowan University  
Department of Mathematics**

**Minor Curricular Change**

**Changing Prerequisites and Catalog Description for  
Precalculus Mathematics**

**1. Details**

- a. Change requested:

Remove Intermediate Algebra as a prerequisite for 1701.122 Precalculus Mathematics. Change catalog description for 1701.122 Precalculus Mathematics.

- b. Sponsor: Curriculum Committee, Mathematics Department

**2. Rationale**

- a. Statement of “need” for such a change:

Starting in the Fall of 1998, students will not be able to register if they have not fulfilled the course prerequisites. The above course has a prerequisite that can be satisfied in high school. Since the registration system does not check courses taken in high school, it is appropriate to eliminate the prerequisite for the above course. However, it will be indicated in the catalog description that students are expected to have completed an equivalent of Intermediate Algebra.

- b. Statement of curricular effect:

None

**3. Results of Consultation**

The above is approved by the Curriculum Committee of the Mathematics Department.

## New Catalog Description

1701.122

4 s.h.

### **Precalculus Mathematics**

This course helps prepare students weak in Algebra for Calculus I or Calculus/T&A. The contents include: a brief review of intermediate algebra, the structure of the real number system, elementary analytic geometry, and algebraic, exponential, logarithmic and trigonometric functions (including their inverses and related functions). Graphs of functions and conic sections also are studied. Use of a graphics calculator is required. Students are expected to have completed an equivalent of 1701.121 Intermediate Algebra.