



## Part II. Description of Curriculum Change

1. **Course Name:** MATH 460 Technology in Mathematics Instruction  
**Class and Lab Hour Designation:** 3c-0l-3cr  
**Number of Credits:**

**Prerequisites:** COSC 110, Junior Status (57+ credits), must have a declared major in Mathematics Education or permission of instructor, and must have completed EDUC 242 with a "C" or better.

**Catalog Description:** Laboratory based and designed to provide preservice mathematics teachers with expertise in instructional technology for teaching mathematics at the secondary level. A strong emphasis is placed upon the integration of pedagogy and subject matter knowledge. Must be taken within two semesters prior to student teaching.

2. **Proposed Change:** The only change that is proposed is to add two prerequisites for the course.

**OLD Prerequisites:** COSC 110 and Junior Status

**Catalog Description:** Laboratory based and designed to provide preservice mathematics teachers with expertise in instructional technology for teaching mathematics at the secondary level. A strong emphasis is placed upon the integration of pedagogy and subject matter knowledge. Open to secondary mathematics education majors only and must be taken within two semesters prior to student teaching.

3. **Justification/rationale for the change:** This course is designed specifically for

Mathematics Education students unless otherwise approved by the instructor. Thus, adding the prerequisite of "must have a declared major in Mathematics Education or permission of instructor" is requested. Furthermore, the Mathematics Education program has found that students are not prepared for MATH 460 if they have not taken