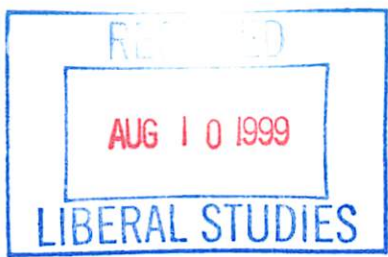


LSC Use Only
Number: _____
Submission Date: _____
Action-Date: _____



UWUCC USE Only
Number: 09-406
Submission Date: _____
Action-Date: UWUCC App 11/9/99
Senate App 2/1/00

CURRICULUM PROPOSAL COVER SHEET
University-Wide Undergraduate Curriculum Committee

I. CONTACT

Contact Person Jacqueline Gorman Phone 7-2608
Department Mathematics

II. PROPOSAL TYPE (Check All Appropriate Lines)

COURSE Technology in Elem Math MA 459
Suggested 20 character title

___ **New Course*** _____
Course Number and Full Title

___ **Course Revision** _____
Course Number and Full Title

___ **Liberal Studies Approval+** _____
for new or existing course Course Number and Full Title

___ **Course Deletion** _____
Course Number and Full Title

Number and/or Title Change Computer-Related Topics in the Elementary and Middle School
Old Number and/or Full Old Title

Technology in Elementary and Middle School Mathematics Instruction
New Number and/or Full New Title

Course or Catalog Description Change _____
Course Number and Full Title

___ **PROGRAM:** ___ Major ___ Minor ___ Track

___ **New Program*** _____
Program Name

___ **Program Revision*** _____
Program Name

___ **Program Deletion*** _____
Program Name

___ **Title Change** _____
Old Program Name

_____ New Program Name

III. Approvals (signatures and date)

John R Johnson
Academy for
teacher prep
5/12/99

[Signature]
Department Curriculum Committee
[Signature]
College Curriculum Committee

David Bunch 3/5/99
Department Chair
[Signature] 3/23/99
College Dean

+ Director of Liberal Studies (where applicable)

*Provost (where applicable)

**MA 459 Technology in Elementary and Middle School Mathematics
Instruction 3c-01-3sh**

Prerequisites: MA 152 & Elementary Education Concentration

This course is intended to develop the knowledge, skills, and perspectives required for using educational technology in teaching mathematics at the elementary and middle school levels. Participants will have hands-on experiences with technology.

Justification for the Name change:

The name change is in keeping with changes in the field. The field of technology for mathematics education includes more than computer and computer-related technology. Further, the field has shifted away from learning about the technology and instead, toward learning tools and how they can be successfully integrated into the curriculum. Proposed changes keep this course name current.

Proposed Name Change Summary:

NEW: MA 459 Technology in Elementary and Middle School Mathematics Instruction

OLD: MA 459 Computer-Related Topics in the Elementary and Middle School

Justification for the Description change:

The description change is in keeping with changes in the field of technology for mathematics education that includes more than computer and computer-related technology. Further, the field has shifted away from learning about the technology and instead, toward learning tools and how they can be successfully integrated into the curriculum. Additionally, a field experience is not a necessary part of the course. Proposed changes keep this course description current.

Proposed Description Change Summary:

NEW: MA 459 Technology in Elementary and Middle School Mathematics Instruction

This course is intended to develop the knowledge, skills, and perspectives required for using educational technology in teaching mathematics at the elementary and middle school levels. Participants will have hands-on experiences with technology.

OLD: MA 459 Computer-Related Topics in the Elementary and Middle School
This course is intended to provide teachers with the concepts and techniques necessary to teach computer related topics to children in the elementary and middle schools. Participants will work with elementary school children throughout the semester.