

# Minnesota State University Moorhead

## MATH 515: Tools & Technology for Secondary Mathematics

### A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: 2

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course is designed to educate current secondary teachers of mathematics in the integration of instructional technology to aid in the teaching and learning of mathematics. This will involve current research on the use of technology in mathematics, acquire and demonstrate expertise with software, apps, and calculators. Develop mathematics lessons using information from discussion and research. These lessons will involve students in an active and meaningful mathematical learning experience involving instructional technology.

### B. COURSE EFFECTIVE DATES: 02/01/2017 - 02/01/2020

### C. OUTLINE OF MAJOR CONTENT AREAS

None

### D. LEARNING OUTCOMES (General)

None

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted