

# Minnesota State University Moorhead

## MATH 491: Mathematical Writing

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: \*.\*

Prerequisites:

This course requires the following prerequisite

MATH 291 - LaTeX

Corequisites: None

MnTC Goals: None

This is a writing intensive and capstone research course in Mathematics. It is intended to teach students how to research a mathematical topic and produce a written report on their research that is sufficiently deep, respects audience, and maintains clarity.

**B. COURSE EFFECTIVE DATES:** 02/02/2017 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Mathematical Research.
2. Learn good form for mathematical papers and reports.
3. Recognizing good mathematical exposition.

### D. LEARNING OUTCOMES (General)

1. Learn good form for mathematical papers and reports.
2. Experience researching a mathematical concept in depth.
3. Experience with long and short form mathematical exposition.

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted