

Minnesota State University Moorhead

MATH 634: Probability & Statistics for Teachers

A. COURSE DESCRIPTION

Credits: 4

Lecture Hours/Week: 4

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course exposes students to the fundamental concepts and principles of probability and logic of statistical reasoning so they can teach statistics more effectively. It provides students with practical ability to choose, generate, analyze, and interpret appropriate descriptive and inferential statistics. Its emphasis will be on probability and statistical activities and applications appropriate for middle, high school and AP statistics classes. Pedagogically, this course will help students to integrate quantitative literacy well in the classroom.

B. COURSE EFFECTIVE DATES: 02/01/2017 - 02/01/2019

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