

# Minnesota State University Moorhead

## MATH 232: Applied Statistics

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Frequency distributions, introduction to probability, normal distribution, central limit theorem, estimation, tests of hypotheses, non-parametric techniques, design of experiments, one-way and two-way analysis of variance, simple linear regression. May not be taken for credit by those who earned credit in MATH 234 or 336. Students who have completed MATH 262 are encouraged to take MATH 335 rather than MATH 232. Must have successfully completed Intermediate Algebra or the listed prerequisites, or acceptable placement score. MnTC Goal 4.

**B. COURSE EFFECTIVE DATES:** 01/10/2011 - 01/01/2016

### 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