Minnesota State University Moorhead

MATH 134C: Applied Statistics Supplement

A. COURSE DESCRIPTION

Credits: 1

Lecture Hours/Week: 1

Lab Hours/Week: 0

OJT Hours/Week: *.*

Prerequisites:
This course requires any of these three prerequisites
    MATH 090 - Elementary Algebra
    MATH 090A - Elementary Algebra
    MSUM MATH 99 and 110 and 134

Corequisites: None

MnTC Goals: None

The course will provide prerequisite review and support for MATH134 Applied Statistics. Topics include operations with rational numbers, evaluating expressions and formulas, unit conversions, interpreting and organizing data utilizing graphs, tables and linear equations. Emphasis is given to procedural skills to manipulating and evaluating formulas, and utilizing interval notation and interpreting algebraic notations and symbols.

B. COURSE EFFECTIVE DATES: 05/11/2021 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Topics include operations with rational numbers, evaluating expressions and formulas, unit conversions, interpreting and organizing data utilizing graphs, tables and linear equations.

D. LEARNING OUTCOMES (General)

1. Demonstrate understanding and knowledge of arithmetic operations containing rational numbers and percents.
2. Demonstrate problem solving skills and ability to interpret applications problems.
3. Interpret different formats of data representation including equations, tabular or graphic representations.
4. Solve linear equations.
5. Appropriately use and manipulate formulas.
6. Utilize unit multipliers or proportions to convert between units.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted