

Minnesota State University Moorhead

BUS 602: Quantitative Methods

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 45

Lab Hours/Week: 0

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course is a study of quantitative methods as they apply to accounting and finance. Methods covered include: time value of money, probability, probability distributions, descriptive statistics, sampling, estimation, hypothesis testing, correlation, regression, simulation, time series analysis and technical analysis.

B. COURSE EFFECTIVE DATES: 08/20/2012 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

1. Calculate and/or interpret values of variables within the context of time value of money.
2. Calculate and interpret probability distribution characteristics.
3. Calculate and interpret descriptive statistics.
4. Specify a hypothesis and perform appropriate statistical testing.
5. Perform basic time series analysis and verify validity of model assumptions.
6. Perform simulation analysis and interpret results.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted