Minnesota State University Moorhead

ECON 370: Introduction to Econometrics

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: *.*

Prerequisites:
ECON 202 - Principles of Economics I: Micro AND ECON 204 - Principles of Economics II: Macro

Corequisites: None

MnTC Goals: None

Study of quantitative techniques employed in economics.

B. COURSE EFFECTIVE DATES: 09/15/2014 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. An Overview of Regression Analysis
2. Ordinary Least Squares
3. The Classical Model (Assumptions)
4. Hypothesis Testing
5. Problems in Regression Analysis and Possible Solutions
6. Time Series Models
7. Dummy Dependent Variable Techniques
8. Simultaneous Equation
9. Pooled Data

D. LEARNING OUTCOMES (General)

1. Understand the uses and misuses of regression analysis
2. Ability to interpret regression results
3. Ability to carry out independent research
4. Understand, detect, and if possible fix econometrics problems

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted