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:

ECOÑ 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

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