**Course Code**: ECON E 3025  
**Type**: Core  

**Title**: Basic Statistics and Research Methodology  

**Learning Outcomes**: At the end of this course, students will be able to compare and contrast statistical techniques and apply them in economic research and analyze and interpret quantitative information.

**Course Contents**:  

Part I:  
Presentation of data (frequency and currency), Measures of the generaltendency, Measures of dispersion, Income distribution (statistical measurements), Correlation, Analysis of simple regression, Index numbers, Normal distribution and its application.

Part II:  
Introduction, Problem identification and hypotheses; Research designs; Methods of data collection; Sampling techniques; Processing and analysis of data; Ethical issues in conducting research; Report generation; report writing and APA/Harvard format

**Methods of Teaching and Learning**: Seminars, study guides, Tutorials, Assignments

**Scheme of Assessment**: Assignment 20% Written Test 80%

**Recommended Readings**:  
- (1995)  
- (1995)  
- (2004)  
- (2004)


