

**COLLEGE OF LIBERAL ARTS
DEPARTMENT OF ECONOMICS
UNIVERSITY OF MISSISSIPPI
FALL, 2010**

COURSE NUMBER	Econ 604
COURSE TITLE	Statistical Methods For Business and Economics
DESCRIPTION OF COURSE	Statistical foundations and applications of nonparametric and multivariate analysis in business and economics. This is a course in applied regression analysis. The goals of this course are to learn (1) basic concepts in regression analysis, (2) two statistical packages, SAS and STATA, and (3) applications of regression in applied economic studies.
LEARNING OBJECTIVES	<p>The primary purpose of this course is to give students an introduction applied regression analysis and to its applications in the field economics. Upon successful completion of this course you will be able to:</p> <ul style="list-style-type: none"> • Interpret all basic regression statistics. • Do tests of hypothesis associated with regression analysis (t-test, F-test, partial F-test). • Develop an empirical economic model. • Collect economic data and test an empirical economic model
INDEPENDENT LEARNING AND PROFESSIONAL DEVELOPMENT	Students are required to develop an original research hypothesis. They are required to collect the data to test this hypothesis. Students will present their results to the class and submit a written paper that develops their research hypothesis and presents their statistical results.
CLASS LOCATION	Holman 139
TIME OF MEETING	2:30 – 3:45 MW
INSTRUCTOR	Dr. William F. Chappell
OFFICE	225 North
OFFICE HOURS	1:30 – 2:30 and 4:00 – 5:00 TTh

