

## **EC3090 Econometrics**

**Junior Sophister 2008-2009**

**Lecturers: Dr. Carol Newman, Dr. Gaia Narciso**

### **Project Guidelines**

The aim of the course is to introduce students to the theory and methods of modern econometrics. As such, a key component involves the development of the necessary skills to apply the approaches and methods with real data.

Each student is required to undertake an individual applied research project that puts into practice the econometric methods covered in this course. This will account for 15% of the overall grade of the course.

The topic of the research project will be of the student's own choosing, but the research should be related to the field of economics and requires the use of the econometric tools. The research project could aim at testing an economic theory, or at analyzing some type of economic behaviour.

Weekly lab sessions will be organized to instruct students in the use of Microfit and to assist students in the preparation of the project. Students will be required to present their preliminary project outline and the dataset they intend to use during Week 2 of HT. Presentations will account for 5% of the overall grade of the course.

The submitted project should include the following:

1. Research paper (min. 2000 words, max. 3000 words) to be laid out as follows:
  - Title
  - Introduction
  - Background/Motivation/Literature Review
  - Empirical approach
    - What is the dependent variable? What are the independent variables? How do you *expect* the independent variables to affect the dependent variable?
  - Description of the dataset
    - Source of the data
    - Detailed summary statistics
    - Graphics for visual presentation of the data
  - Empirical results
    - Tables of results (estimated coefficients, standard errors, number of observations, adjusted R<sup>2</sup>)
    - Results of the appropriate tests
    - Comment of the empirical results
  - Discussion of possible extensions
  - Summary/conclusions
  - List of references
2. Copy of final cleaned data file in Microfit format
3. List of commands used

The deadline for the submission of the projects will be 5 pm Friday March 20<sup>th</sup> 2009.