

## Quantitative Microeconomics

### Organización

The course is spread over 14 weeks, with 2 weekly sessions of 90 minutes each:

- One theory session.
- One class session.

Classes will take place in Computer Rooms. There will be 6 practice sessions, four sessions for solving exercises, and four midterm exams:

- Practice sessions: The teacher in charge will illustrate the econometric techniques presented in the theory sessions.
- Solving exercises: At the beginning of the session, students will hand in the solution of the session exercise. During the session, students assisted by the teacher will solve the session exercise. The teacher will not take solutions from students not attending the session.
- Midterm exams: Students will carry-out 75-minute, 15-question multiple choice tests to show their knowledge on the topic of the exam. In the first mid-term exam students will have open access to the course materials.

All the material (program, notes, exercises) will be available at the class webpage in advance so that students will be able to read the material beforehand.

Software: gretl - program freeware

A knowledge of gretl at intermediate level is assumed, particularly the ability to write scripts.

Textbooks:

Wooldridge, J.M. Introduction to Econometrics: A Modern Approach. Paraninfo Thompson Learning

Damodar N. Gujarati, Dawn C. Porter. Basic Econometrics. Mc Graw Hill. 2004

Students' work:

- read the notes, even if the material is not covered in class
- solve all the exercises, even those that are not solved in class
- prove in the class that you know how to solve the exercises
- prove in the midterm exams that you understand the course

## **Assesment:**

The course's workload will consist of four midterm exams and four exercises sets. There will additionally be a final examination and an extra assessment examination.

### **(a) Regular Assessment:**

**Evaluation by the course's workload:** Students who complete the course's workload may skip the final examination and have their final grade based solely on the course's workload. Completing the course's workload means obtaining an overall average in the four midterm exams of four out of ten. All grades will range between 0 and 10. Exercise sets not submitted and exams not attended will be graded with zero. For the final grade the midterm exam with the lowest grade will not be taken into account. The final grade will then result from the weighted average of all evaluations, the weights being: 20% for each of the best midterm exams and 10% for each exercise sets and solving the exercises in class.

**Evaluation by a final examination:** The final grade for students who sit the final examination will be a weighted average of the course's workload (40%) and the final examination (60%). The final examination will last 120 minutes and will consist of 40 multiple choice questions without penalty.

**(b) Extra Assessment:** The final grade for students who sit the June exam will be based on this examination. This examination will last 120 minutes and will consist of 40 multiple choice questions without penalty.