

Microeconomics (E.U.E.E., UAB, Sabadell)

Francesc Trillas, 2008-2009

Objective: learn the fundamentals of demand and supply behaviour and understand the properties of markets. (Another objective is to practice English; the teacher will speak in English and the exercises and exam questions will be in English; students can speak in Spanish or Catalan and write the exam in these languages, although they are encouraged to use English)

Programme:

0. Introduction

I. CONSUMER THEORY

1. Budget Constraint

2. Preferences and utility

3. Optimal Choice

4. Individual demand

5. Market Demand

II. THEORY OF THE FIRM

6. Technology

7. Profit Maximization

8. Cost Minimization

9. Firm and industry supply

III. PARTIAL EQUILIBRIUM

10. Perfect competition

11. Monopoly

12. Imperfect ompetition

IV. EXTENSIONS

13. Exchange: the Edgeworth Box

14. Externalities

Bibliography:

Basic Bibliography (in English)

-Hal R. Varian, *Intermediate Microeconomics. A Modern Approach*. Norton, 2006: 7th Edition.

Class notes (based on power point presentations) and exercises will be based on this book. It is highly recommended that students have regular access to this book, either by using the library copies or by buying it (individually or by group) for example through Amazon (www.amazon.co.uk).

Complementary Bibliography (in Spanish or Catalan)

-Hal R. Varian, *Microeconomía Intermedia*, Antoni Bosch Editor, 2007, 7ª edición.

-Robert S. Pindyck y Daniel L. Rubinfeld, *Microeconomía*, Prentice Hall, 2003, 5ª edición.

-Frank, Robert H., *Microeconomía y Conducta*, 4ª Edición, McGraw-Hill, 2001.

-Hey, John D., *Microeconomía Intermedia*, McGraw-Hill, 2004.

-Nicholson, Walter, *Teoría Microeconómica, Principios básicos y aplicaciones*, 6ª Edición, McGraw-Hill, 1997.

-Silvestre, J., *Microeconomía*, Editorial UOC, 2006.

-Perloff, Jeffrey M., *Microeconomía*, 3ª Edición, Pearson, 2004.

-Stiglitz, Joseph E., *Microeconomía*, Ed. Ariel, 2004.

Materials: **Some Exercises** will be distributed in class. The teacher will explain the solutions in class some days later. There will be two types of exercises to work on: those from the Varian book (review questions at the end of each chapter, with the solutions at the end of the book), and those that will be distributed in class.

Office hours:

Office hours for students are announced in the Lecturer's office (number 224, Floor 2).

(Students are requested to write an e-mail to the Lecturer before coming to see him; the e-mail can also be used for doubts or questions: Francesc.trillas@uab.cat)

Evaluation:

Evaluation will be based on a **final exam** with two theoretical questions (40% of the qualification) and two exercises (60% of the qualification): all those students who show up in the exam will be evaluated.

It is strongly advised to **try to do the exercises** before the teacher presents the solutions in class. This is the best strategy to do well in the exam.

Those students who attend at least 80% of the classes will automatically obtain one extra credit of "lliure elecció", because the classes are in English. However, it is advised that students come to 100% of the classes, because understanding the classes is the key to pass the exam and perhaps obtain a good grade.