

Subject	Introductory Microeconomics II (E)	Semester, Date and Period of the class	Spring Mondays, 2 nd period
Subject selection	Basic Specialized Course	Years	1-2
Instructor	Maria MARTIN-RODRIGUEZ (Graduate School of Economics)		
Office hour	Available upon request		
Course Aims : This course aims to deepen the students' understanding of the concepts covered in Introductory Microeconomics I by developing a more accurate mathematical framework. Several applications, like price indices and taxes, are discussed to illustrate the potential of the analysis.			
Course Objectives : At the end of the course, students will be able to solve the consumer problem with exogenous and endogenous income, to understand how uncertainty affects decisions, to solve the problem of the firm, and to calculate the market equilibrium under perfect competition and monopoly.			

Class content

1 (April 12)	Preferences, Indifference Curves and Utility Functions.
2 (April 19)	The Marginal Rate of Substitution. <i>Review of Problem Set 1.</i>
3 (April 26)	The Consumer Problem with Exogenous Income.
4 (May 10)	Income and Substitution Effects with Exogenous Income. <i>Review of Problem Set 2.</i>
5 (May 17)	<i>Summary and Partial evaluation 1.</i> The Consumer Problem with Endogenous Income.
6 (May 24)	Consumer Surplus, Compensated Variation, Equivalent Variation, Price Indices. <i>Review of Problem Set 3.</i>
7 (May 31)	Decision under Uncertainty (I)
8 (June 7)	Decision under Uncertainty (II). <i>Review of Problem Set 4.</i>
9 (June 14)	<i>Summary and Partial evaluation 2.</i> Production Function, Marginal Rate of Transformation, Returns to Scale.
10 (June 21)	Cost Minimization: Demand of Factors.
11 (June 28)	Cost Curves and Supply Function.
12 (July 5)	Competitive Equilibrium. <i>Review of Problem Set 5.</i>
13 (July 12)	<i>Summary and Partial evaluation 3.</i> Monopoly.
14 (July 19)	Price Discrimination and Regulation in the Monopolistic Environment.
15 (July 26)	<i>FINAL SUMMARY AND FINAL EVALUATION.</i>
Grading Methods and Criteria: 3 partial evaluations (20% each) and a final evaluation (40%). Getting a total average above 60% is necessary to pass the course. The course withdrawal system applies to this course. The deadline to withdraw is May 24 th .	
Instructions for Out-of-Class Study: Students should use the reference books below before each lesson and attempt to solve the problem sets by themselves before the solution is provided.	
Textbooks and Reference books: Course materials will be distributed via NUCT. Textbooks: to be announced in class if necessary. Reference books: Hal R. Varian – Intermediate Microeconomics: A Modern Approach. <i>W. W. Norton & Company; 9th edition.</i> Walter Nicholson and Christopher Snyder – Microeconomic Theory: Basic Principles and Extensions. <i>Cengage Learning; 12th edition.</i> Robert S. Pindyck and Daniel L. Rubinfeld – Microeconomics. <i>Pearson; 9th edition.</i>	
Prerequisites/Related Courses/Notice to students: While there are no prerequisites, this course is recommended for students who have taken Microeconomics I and Calculus courses.	