

POLI ESCOLA SUPERIOR TECNOLOGIA GESTÃO TÉCNICO GUARDA	SUBJECT DESCRIPTION	MODELO PED.013.03
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Course	Accountability					
Subject	Principles of Economics II					
Academic year	2023/24	Curricular year	1st	Study period	2nd semester	
Type of subject	Compulsory	Student workload (H)	Total:168 0	Contact: 60	ECTS	6
Professor(s)	PhD Maria Manuela Santos Natário					
<input checked="" type="checkbox"/> Area/Group Coordinator <input type="checkbox"/> Head of Department	(select)	PhD Maria Manuela Santos Natário				

PLANNED SUBJECT DESCRIPTION

1. LEARNING OBJECTIVES

The aim is to provide the student knowledge and skills in key aspects relating to microeconomics theory. Through the study of individual choices or behaviors in individual markets group, the student must acquire critical skills in basic concepts related to the theory of consumer, of producer and markets.

General Skills of this subject:

- Ability to diagnose / characterize a given market (Supply and Demand);
- Ability to determine optimizers behaviours of consumers and firms
- Calculate and use the different production costs for producing indicators of quantity and prices to practice consistent with the firms objectives and to perform socioeconomics diagnostics
- Identify markets structures, economics agents and their interdependencies and know how to make a critical and rational analysis in a particular market. (1000 characters max)

2. PROGRAMME

1- Consumers and Demand

1.1- Introduction

1.2- Individual and Aggregate Demand

1.3- Elasticities of demand

1.4- Consumer behaviours and utility theory: the consumers optimum

2- Firms and supply

2.1- Individual and Aggregate supply

2.2- Elasticitie of supply

3- Market equilibrium

3.1- Demand and supply equilibrium

3.2- Displacements of Demand and supply Curves and the Implications of Level Equilibrium

3.3- The State Intervention in the Economy

4- Costs theory

4.1- The Production Function in Short run, Average and Marginal Productivity and the Short run costs

4.2- Total, average and marginal costs and his relationships

4.3- The Production Function in Long run, Average and Marginal Productivity and the long run costs

5- Markets: structures and behaviours

5.1- Perfectly competitive markets

5.2- Monopoly markets

3. COHERENCE BETWEEN PROGRAMME AND OBJECTIVES

The objective of this Curricular Unity will be achieved through the teaching of points 1., 2., 3. 4 and 5, which allows the student to obtain knowledge and skills in key aspects relating to microeconomics theory. Through the study of individual choices or

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behaviours in individual markets group, the student must acquire critical skills in basic concepts related to the theory of consumer, of producer and markets.

In terms of the skills to be developed in this curricular unity, the student must gain the following skills: ability to diagnose / characterize a given market (supply and demand); ability to determine optimizers behaviours of consumers and firms; calculate and use the different production costs for producing indicators of quantity and prices to practice consistent with the firms objectives and to perform socioeconomics diagnostics; identify markets structures, economics agents and their interdependencies and know how to make a critical and rational analysis in a particular market.

4. MAIN BIBLIOGRAPHY

Compulsory:

Duarte, A. & Ribeiro, S. (2020). *Microeconomia – Exercícios Propostos e Resolvidos*. Lisboa: Edições Sílabo.

Fernandes, A., et al. (2017). *Introdução à Economia*. Lisboa: Edições Sílabo, Lda.

Fernandes, A.; Pereira, E.T.; Bento, J., Madaleno, M & Robaina, M. (2023). *Introdução à Economia*. Lisboa: Edições Sílabo. 4ª Edição. ISBN: 978-989-561-321-2

Frank, R. (2013). *Microeconomia e Comportamento*. 8ª ed., Lisboa: Editora McGraw-Hill.

Henriques, D. & Sousa, T. (2019). *Introdução à Microeconomia – Livro de Exercícios*. Lisboa: Escolar Editora.

Lobo, F.C. & Andrade, C. (2021). *Princípios de Microeconomia*. Lisboa: Edições Sílabo.

Lourenço, A. (2008). *Ficha de Exercícios*. Guarda: ESTG.

Mankiw, N. (2013). *Introdução à Economia*. São Paulo: Cengage Learning, Inc.

Mankiw, N. (2017). *Principles of Microeconomics*. Mason: Cengage Learning, Inc.

Morgado, A. and Ferreira, P. (2016). *Princípios de Microeconomia*. Lisboa: Rei dos Livros.

Nabais, C. & Ferreira, R. (2010). *Microeconomia, Lições & Exercícios*. Lisboa: Lidel - Edições Técnicas, Lda.

Pinho, M. (2019). *Microeconomia*. Lisboa: Edições Sílabo.

Porto, M. (2017). *Economia: Um Texto Introdutório*. Coimbra: Ed. Almedina.

Samuelson, P. & Nordhaus, W. (2012). *Economia*. 19ª ed., Lisboa: Editora McGraw-Hill.

Varian, H. (2015). *Microeconomia: Uma Abordagem Moderna*. Rio de Janeiro: Elsevier.

Begg, D. et al. (2005). *Economics. 8th Edition*, London: McGraw-Hill.

Frank, R. & Bernanke, B. (2012). *Princípios de Economia*. Lisboa: Editora McGraw-Hill.

Krugman, P. & Wells, R. (2014). *Introdução à Economia*. São Paulo: GEN Atlas.

Neves, J. C. (2013). *Introdução à Economia*. 9ª ed., Lisboa: Editorial Verbo.

Pindyck, R. & Rubinfeld, D. (2013). *Microeconomia*. São Paulo: Pearson Education do Brasil.

Varian, H (2014). *Intermediate Microeconomics: A Modern Approach*. New York: W.W. Norton & Company.

5. TEACHING METHODOLOGIES (INCLUDING EVALUATION)

TEACHING METHODOLOGIES:

Theoretical and practical method with the use of audiovisuals; Case Study; resolution of problems; Provision of e-learning content; Collaborative work tools; Periodic collaboration sessions.

Due to the extraordinary health emergency situation COVID-19 and according to the Dispatches from the IPG President, the sessions will be on a mixed basis, as well as the evaluation system.

Assessment:

Continuous assessment: two tests.

The final classification will result from the following calculation:

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Final mark = 0.5 (1st test) + 0.5 (2nd test)

The 1st Test is held during the semester on a date to be agreed on with the students and later announced through the e-learning platform.

The 2nd Test is held at the end of the semester on the date set by the Board of the ESTG (School of Technology and Management).

The student obtains approval when the final classification is equal or higher than ten values, in an entire scale between zero and twenty, being exempted from exam.

Assessment by Final Exam, in the normal time period: The student who has not passed the continuous assessment or has not taken it, obtains approval when the exam classification is equal or higher than ten values, on an entire scale between zero and twenty, on the date set by the Board of the ESTG (School of Technology and Management).

Assessment by Final Exam, in the recourse period: The student who has not been successful in the continuous assessment or at the Final Exam in the normal period time, or has not taken them, obtains approval when the exam classification is equal or higher than ten values, on an entire scale between zero and twenty, on the date set by the Board of the ESTG (School of Technology and Management).

6. COHERENCE BETWEEN TEACHING METHODOLOGIES AND OBJECTIVES

- **Theoretical and practical method with the use of audiovisuals** - gaining knowledge in the field of microeconomics through the dynamics of the learning process that is boosted by the use of audiovisuals media and distance learning platforms (moodle and colibri / zoom platforms);
- **Case studies and resolution of problems** - gaining knowledge and skills in order to understand the importance of microeconomics, implying a practical approach through case studies and resolution of problems;
- **Provision of e-learning content;**
- **Collaborative working tools** - to participate in an interventional and proactive way in the elaboration and discussion of new strategies and practices that allow you to develop the critical capacity for action in terms of the analysis of the main microeconomic concepts and their interrelationship, as well as in terms of microeconomic objectives.
- **Periodic collaboration sessions** - reinforce your capacity for critical performance and consolidate knowledge in order to gain skills that guarantee a global vision to optimize your performance in the area of microeconomics.

7. ATTENDANCE

There is no minimum attendance.

8. CONTACTS AND OFFICE HOURS

Professor:

Name: Maria Manuela Santos Natário

Email: m.natario@ipg.pt

Telephone Number: +351271220111 (Line: 1262)

Office: 62

Office hours:

Wednesday: 14h00-18h00

Area Coordinator:

Name: Maria Manuela Santos Natário

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9. OTHERS

Students are advised to:

- *Attend classes;*
- *Study in a permanent way;*
- *Check doubts with the teacher.*

DATE

21 de fevereiro de 2024

SIGNATURES

Professor

(signature)

Area/Group Coordinator

(signature)