

27456 - E-Government and Public Decisions

Información del Plan Docente

Academic Year	2016/17
Academic center	109 - Facultad de Economía y Empresa
Degree	417 - Degree in Economics
ECTS	3.0
Course	4
Period	Second semester
Subject Type	Optional
Module	---

1. Basic info

1.1. Recommendations to take this course

1.2. Activities and key dates for the course

2. Initiation

2.1. Learning outcomes that define the subject

2.2. Introduction

3. Context and competences

3.1. Goals

3.2. Context and meaning of the subject in the degree

3.3. Competences

3.4. Importance of learning outcomes

4. Evaluation

5. Activities and resources

5.1. General methodological presentation

5.2. Learning activities

5.3. Program

Chapter 1: Foundations of decision making

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- 1.1 Presentation (objectives, programme and assessment)
- 1.2 Decision making problems, Processes and models.
- 1.3 Basic concepts. Structured and non-structured techniques.

Chapter 2: Uni-criterion models and techniques

- 2.1 Mathematical programming models.
- 2.2 Linear optimisation.
- 2.3 Software y applications.

Chapter 3: Statistical analysis of decisions

- 3.1 Introduction. Deterministic and stochastic criteria.
- 3.2 Sample information.
- 3.3 Software and applications.

Chapter 4: Multicriteria decision making. Multi-objective programming

- 4.1 Continuous Multicriteria decision making. Pareto optimal solutions.
- 4.2 Compromise programming and goal programming.
- 4.3 Software and applications.

Chapter 5: Multicriteria decision making. Multi-attribute programming

- 5.1 Continuous multicriteria decision Making. MAUT and outranking methods
- 5.2 Analytic hierarchy process (AHP) and analytic network process (ANP).
- 5.3 Software and applications.

Chapter 6: Public decision making. Social choice

- 6.1 Conceptual framework. Formulation, legitimacy and assessment

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- 6.2 Voting systems.

- 6.3 Software and applications.

Chapter 7: Electronic government. E-Administration

- 7.1 Basic concepts. ICT and public administration.

- 7.2 Public administration in the knowledge society.

- 7.3 Transparency, Participation and control.

Chapter 8: Electronic government. E-Governance

- 8.1 Democracy models

- 8.2 From e-democracy to e-cognocracy.

- 8.3 Design and evaluation of public policies.

5.4.Planning and scheduling

5.5.Bibliography and recommended resources