SUBJECT TEACHING GUIDE

G987 - Business

First Degree in Industrial Electronic Engineering and Automatic Control Systems

Academic year 2026-2027

1. IDENTIFYING DATA					
Degree	First Degree in Industrial Electronic Engineering and Automatic Control Systems			Type and Year	Core. Year 2
Faculty	School of Industrial Engineering and Telecommunications				
Discipline	Subject Area: Business Basic Training Module				
Course unit title and code	G987 - Business				
Number of ECTS credits allocated	6	Term		Semester based (2)	
Knowledge Field	Industrial engineering, mechanical engineering, automation engineering, industrial organization engineering and navigation engineering				
Web					
Language of instruction	Spanish	English Friendly	No	Mode of delivery	Face-to-face

Department	DPTO. ADMINISTRACION DE EMPRESAS
Name of lecturer	SILVIA APARICIO OBREGON
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Other lecturers	

4. OBJECTIVES

Targets:
- That the student acquires the basic concepts to understand the economic processes involved in his future profession.
- That the student incorporates into his technical work the economic analysis tools.
- That the student knows the important role that department of production in the company

6. SUBJECT PROGRAM

CONTENTS	
1	THE COMPANY AND ITS ENVIRONMENT Lesson 1 º. The company's environment Lesson 2 º. The macroeconomic environment Lesson 3 º. The sectorial and microeconomic environment
2	LEADERSHIP AND MANAGEMENT OF THE COMPANY Lesson 4 º Management, planning and control Lesson 5 º Investment and financing management Lesson 6 º Accounting
3	PRODUCTION MANAGEMENT IN THE COMPANY Lesson 7º. Production and productivity Lesson 8º. Stocks Management Lesson 9º. Production planning Lesson 10 º. Project control

7. ASSESSMENT METHODS AND CRITERIA

Description	Type	Final Eval.	Reassessn	%
Exam block 1; Written examination; no Final evaluatión; 33%	Activity evaluation with Virtual Media	No	Yes	25,00
Exam block 2; Written examination; no Final evaluatión; 33%	Activity evaluation with Virtual Media	No	Yes	25,00
Exam block 3; Written examination; no Final evaluatión; 34%	Written exam	Yes	Yes	50,00
TOTAL				100,00

Observations

The assessment of the course is structured into three main components: continuous assessment 1, continuous assessment 2, and the final examination, with the following weighting:

Continuous assessment 1: 25% of the final grade.
Continuous assessment 2: 25% of the final grade.
Ordinary examination: 50% of the final grade.

The ordinary examination will cover all the course content not passed through continuous assessment, as well as the remaining parts of the syllabus.

Criteria for passing the course overall

To pass the course, students must obtain a weighted final grade of 5 out of 10 or higher.

The continuous assessment component, including the partial test and class activities, will only be retained until the ordinary examination session.

In the extraordinary examination session, students will be required to sit an examination covering the entire course.

Observations for part-time students

As a general criterion, part-time students will be subject to the same assessment criteria as full-time students, although the timing of activities may be adapted to their time constraints when deemed necessary.

8. BIBLIOGRAPHY AND TEACHING MATERIALS

BASIC

- Cuervo García, A. (2004): Introducción a la Administración de Empresas". Civitas Ediciones. Madrid. 4ª Edición.
- Tamames, R. (2025): Estructura Económica de España, Ariel, 26º Edición.
- Mankiw, G. (2012): Principios de Economía. Ediciones Paraninfo, 6ª Edición.
- Stiglitz, J. (1995): Economía. Ed. Ariel.
- Mochón, F. (2010): Principios de Economía, Mc Graw Hill, 4ª Edición.
- Moyano Fuentes, J. y otros (2011): Administración de empresas: Un enfoque teórico práctica, Pearson.
- Bueno Campos, E. (1993): Curso básico de economía de la empresa. Ediciones Pirámide. Madrid.
- Torres López, J. (2011) "Introducción a la economía". Ediciones Pirámide. Madrid. 2011.
- Heyzer, J. y Render, B. (2007): Dirección de la producción y de operaciones. Decisiones tácticas. Ediciones Pearson. Madrid. 8ª Edición.
- Heyzer, J. y Render, B. (2007): "Dirección de la producción y de operaciones. Decisiones estratégicas". Ediciones Pearson. Madrid. 8ª Edición.