

SUBJECT TEACHING GUIDE

G1018 - Business

Degree in Mechanical Engineering
First Degree in Mechanical Engineering

Academic year 2023-2024

1. IDENTIFYING DATA					
Degree	Degree in Mechanical Engineering First Degree in Mechanical Engineering			Type and Year	Core. Year 2 Core. Year 1
Faculty	School of Industrial Engineering and Telecommunications				
Discipline	Subject Area: Business Basic Training Module				
Course unit title and code	G1018 - Business				
Number of ECTS credits allocated	6	Term	Semester based (1)		
Web					
Language of instruction	Spanish	English Friendly	No	Mode of delivery	Face-to-face

Department	DPTO. ADMINISTRACION DE EMPRESAS				
Name of lecturer	RUBEN DIEGO CARRERA				
E-mail	ruben.diego@unican.es				
Office	E.T.S. de Ingenieros de Caminos, Canales y Puertos. Planta: + 1. DESPACHO (1035)				
Other lecturers	VICENTE BENGOCHEA BOTIN				

3.1 LEARNING OUTCOMES

- The purpose of the course is to teach the student the following contents:
 - know the economic language.
 - Know the economic basic techniques applicable in his professional future.
 - Know the operation of the economic basic units and its management instruments.
 - Know the characteristics of an industrial sector, to be able to diagnose its problems and propose feasible solutions.
 - Know the different types of markets and the role played by the different economic agents .
 - Know the role played by companies in the economic activity.
 - Know how companies can and must adapt to different economic situations .
 - Know how to apply leadership and management methods to optimize the resources of the companies.
 - Know the restrictions and potential advantages that stem from the different alternatives of organizational design .
 - Solve exercises on risk situations and investment appraisal.
 - Know the financial resources function in the growth strategies of business policy.

4. OBJECTIVES

- 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. COURSE ORGANIZATION

CONTENTS

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

7. ASSESSMENT METHODS AND CRITERIA				
Description	Type	Final Eval.	Reassessn	%
Written examination	Written exam	No	Yes	60,00
Study cases,	Work	No	Yes	40,00
TOTAL				100,00
Observations				
<p>In the event that the minimum mark is not exceeded in any of the parts, the final mark will be the minimum of 4.9 and the average obtained by weighing all the evaluation activities. The marks of the approved parts will be kept until the extraordinary call</p> <p>During the make-up period (set by the university in September) students will take only those assessment tests that have failed. No results will be saved for later courses.</p> <p>According to the royal decree RD 1125/2003 on the European system of credits and the system of grades in official university qualifications and valid throughout the national territory, the results obtained by the student in each of the subjects of the curriculum will be graded according to the following numerical scale from 0 to 10, expressed to one decimal place, to which the corresponding qualitative grade may be added: 0.0-4.9: Fail (SS). 5.0-6.9: Pass (AP). 7.0-8.9: Notable (NT). 9.0-10: Outstanding (SB)</p> <p>In view of the uncertain situation that the social distancing measures established by the health authorities do not allow any evaluation activity to be carried out in the classroom for all the students enrolled, these can be adapted for development in a virtual way, mainly by using the MOODLE platform. If necessary, all the necessary precautions and actions will be taken to ensure the correct development of these activities.</p>				
Observations for part-time students				
<p>The same criteria of evaluation will be applied to the part-time students as to the full-time student, although the temporary distribution of activities may be adapted to the temporary conditions, when it is considered necessary.</p>				

8. BIBLIOGRAPHY AND TEACHING MATERIALS

BASIC

- Mankiw, G.
Principios de Economía.
Cengage Learning (2017)
<http://catalogo.unican.es/cgi-bin/abnetopac/?TITN=410350>
- Mochón, F.
Principios de Economía.
McGraw-Hill (2010)
<http://catalogo.unican.es/cgi-bin/abnetopac/?TITN=324108>
- Bueno Campos, E.
Curso básico de economía de la empresa: un enfoque de organización.
Pirámide (2005)
<http://catalogo.unican.es/cgi-bin/abnetopac/?TITN=224738>
- Cuervo García, A.
Introducción a la administración de empresas.
Aranzadi (2008)
<http://catalogo.unican.es/cgi-bin/abnetopac/?TITN=290686>
- Suárez Suárez, A.S.
Decisiones óptimas de inversión y financiación en la empresa.
Pirámide (2014)
<http://catalogo.unican.es/cgi-bin/abnetopac/?TITN=369398>
- Heyzer, R.
Dirección de la producción y de operaciones: decisiones tácticas.
Pearson Educación (2015)
<http://catalogo.unican.es/cgi-bin/abnetopac/?TITN=376861>
- Heyzer, R.
Dirección de la producción y de operaciones: decisiones estratégicas.
Pearson Educación (2015)
<http://catalogo.unican.es/cgi-bin/abnetopac/?TITN=376862>