

SUBJECT TEACHING GUIDE

M1452 - Economic Analysis in Engineering

Master's Degree in Civil Engineering

Academic year 2019-2020

1. IDENTIFYING DATA					
Degree	Master's Degree in Civil Engineering			Type and Year	Compulsory. Year 1
Faculty	School of civil Engineering				
Discipline	Economic Analysis in Engineering				
Course unit title and code	M1452 - Economic Analysis in Engineering				
Number of ECTS credits allocated	4,5	Term	Semester based (2)		
Web					
Language of instruction	Spanish	English Friendly	Yes	Mode of delivery	Face-to-face

Department	DPTO. ADMINISTRACION DE EMPRESAS				
Name of lecturer	PEDRO DIAZ SIMAL				
E-mail	pedro.diaz@unican.es				
Office	E.T.S. de Ingenieros de Caminos, Canales y Puertos. Planta: + 1. DESPACHO (1037)				
Other lecturers	SAUL TORRES ORTEGA				

3.1 LEARNING OUTCOMES

- The student will develop integrated economic analysis on technical issues
- The student will model and represent the economic environment of technical decisions
- The student will be aware of the economic restrictions on technical issues

4. OBJECTIVES

The student will develop integrated economic analysis on technical issues,
The student will model and represent the economic environment of technical decisions
The student will be aware of the economic restrictions on technical issues

The student will develop the basic management skills required for successful professional performance.

6. COURSE ORGANIZATION

CONTENTS

1	Applied Economics to Engineering, Sectorial economics, Micro and Macro analysis, Input Output analysis, National Accounting systems. Economic Growth
2	Engineering economics. Analytical instruments for decision makers

7. ASSESSMENT METHODS AND CRITERIA

Description	Type	Final Eval.	Reassessn	%
1º Written exam on contents	Written exam	Yes	Yes	30,00
Homework and classwork	Others	No	No	40,00
1º Written exam on contents	Written exam	Yes	Yes	30,00
TOTAL				100,00

Observations

In relation to the agreements adopted at the ordinary session of the School Board held on June 10, 2010, it is established that, with respect to evaluation activities that are recoverable,

- As a general criterion and unless this guide specifies a different thing, a student will only be able to present himself to the recovery of those activities that have not passed, that is to say, in which he has not obtained a minimum grade of five out of ten.

- As a general criterion and unless this guide specifies a different thing, in the recovery period the evaluation procedure of an activity will be the same as that of the activity that originates it.

Note: According to the Royal Decree RD 1125/2003 on the European system of credits and the system of qualifications in university degrees of official character and validity throughout the national territory, the results obtained by the student in each of the subjects of the plan Of studies will be graded according to the following numerical scale from 0 to 10, with an expression of a decimal, to which their corresponding qualitative rating can be added: 0.0-4.9: Suspended (SS). 5.0-6.9: Approved (AP). 7.0-8.9: Remarkable. 9.0-10: Outstanding (SB).

Observations for part-time students

Part-time students may choose to attend the two partial exams and the final exam, with respective weights 20%, 20% and 50% respectively, or attend only the final exam with 90% weight but, in any case, it is essential to have attended and conveniently used the classroom practices

8. BIBLIOGRAPHY AND TEACHING MATERIALS

BASIC

Apuntes de curso

