

## SUBJECT TEACHING GUIDE

G1187 - Workshop on Projects

Degree in Civil Engineering

Academic year 2022-2023

1. IDENTIFYING DATA					
Degree	Degree in Civil Engineering			Type and Year	Optional. Year 4
Faculty	School of civil Engineering				
Discipline	Optional Subjects: Open to all Itineraries				
Course unit title and code	G1187 - Workshop on Projects				
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. TRANSPORTES Y TECNOLOGIA DE PROYECTOS Y PROCESOS
Name of lecturer	M. ANTONIA PEREZ HERNANDO
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Other lecturers	IGNACIO GARCIA UTRILLA AMADOR GAFO ALVAREZ EUGENIO MIGUEL LASO LOPEZ-NEGRETE

### 3.1 LEARNING OUTCOMES

- Know how to write, with due quality and precision, and in accordance with technical standards, a civil engineering construction project, after analyzing the conditions established by the property, as well as those of a legal and technical nature, which will affect To the future work.
- Understand the role of agents involved in the administrative process of defining and directing public works, both from a technical and legal point of view.
- To be able to develop teamwork, as well as to use the main computer tools commonly used in the elaboration of engineering projects.

#### 4. OBJECTIVES

The students will work with constructive projects applying all the knowledge imparted in the subject of Projects. They will analyze the specific aspects regarding the collection of information, previous studies, applicable legislation, design of alternatives and definition of the different elements of the project. They will also work on the choice of work units; Study of prices, measurements and budgets. The work developed will be very useful for students who wish to present a constructive project as End of Grade Work

#### 6. COURSE ORGANIZATION

CONTENTS	
1	General aspects common to construction projects
2	Roads and railways projects
3	Maritime Works Projects
4	Projects of hydraulic works, sanitary engineering and urbanization
5	Structural and building projects

#### 7. ASSESSMENT METHODS AND CRITERIA

Description	Type	Final Eval.	Reassessn	%
The evaluation will be developed in a continuous way, through work in the classroom and presentation of an individual work, in relation to a typology of constructive project. In relation to the resolutions adopted at the ordinary session of the School Boa	Work	No	Yes	50,00
Presentation of a project	Work	Yes	No	50,00
<b>TOTAL</b>				<b>100,00</b>

##### Observations

The evaluation will be developed in a continuous way, through work in the classroom and presentation of an individual work, in relation to a typology of constructive project.

In relation to the resolutions adopted at the ordinary session of the School Board held on June 10, 2010, it is established that, with respect to evaluation activities that have the character of recoverable, as a general criterion and except that in this Guide specifies a different thing, a student will only be able to present himself to the recovery of those activities that he has not surpassed, that is to say, in which he has not obtained a minimum qualification of five in 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 Royal Decree 1125/2003 on the European Credit System and the Grading System 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 curriculum will be graded according to the following numerical scale from 0 to 10, with expression of a decimal, a Which may be added its qualitative qualification:

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

For potential part-time students, the possible lack of attendance at any of the classes with a direct tutoring will be supported. In these cases the evaluation will be directed, fundamentally, to the presented individual work.

## 8. BIBLIOGRAPHY AND TEACHING MATERIALS

### BASIC

Legislación y normativa relacionada con los proyectos de ingeniería civil  
Programas informáticos utilizables en la redacción de proyectos de ingeniería civil (trazado, cálculos estructurales, precios, mediciones y presupuestos, etc...).