

SUBJECT TEACHING GUIDE

G1172 - Urban and Transport Planning

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	Subject Area: Urban and Land Planning				
Course unit title and code	G1172 - Urban and Transport Planning				
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	SOLEDAD NOGUES LINARES				
E-mail	soledad.nogues@unican.es				
Office	E.T.S. de Ingenieros de Caminos, Canales y Puertos. Planta: + 2. DESPACHO INDIVIDUAL (2016)				
Other lecturers	JOSE MARIA DIAZ PEREZ DE LA LASTRA				

3.1 LEARNING OUTCOMES

- On completion of the course students will be able to:
 - collect and analyse extensive amounts of information, of producing and applying scientific and practical knowledge orally and in writing, independently and in collaboration with others.
 - work in the area of land use planning, in analysis, diagnosis and municipal proposals.
- Once their training in planning is completed, students will be prepared to work in private professional urban planning, engineering and infrastructure studios and consulting firms and technical areas of public administration.

4. OBJECTIVES

This course applies concepts and methods to real world situations.

For this reason, students will develop an understanding of how land use decisions have impacted the development of municipalities and how they are used to determine future development directions, which are the main objective of the course.

6. COURSE ORGANIZATION

CONTENTS

1	Under the name of general plan or something similar, the municipal plan prefigures the uses, intensities of use, design of the communications system, etc. throughout the district. It also classified land as urban, developable, non-developable. This plan is therefore of great importance from an urban point of view. The future of the land and which areas will be developed in the years to come are matters that are determined by this plan.
2	COURSE CONTENT:
3	1. A framework for planning <ul style="list-style-type: none"> • The legal framework for planning • Land use planning techniques and tools • Elements of the municipal land use plan and its relationship to environmental, social, and economic systems
4	2. The planning Process <ul style="list-style-type: none"> • Obtaining, Organizing and Displaying Spatial Information • Planning a Generic Model • Development of the municipal land use plan, policy plan and implementation.
5	3. Municipal planning proposals <ul style="list-style-type: none"> • Transportation • land use • and public facilities...
6	4. Transport and territory
7	5. Urban transport
8	6. Transportation planning

7. ASSESSMENT METHODS AND CRITERIA

Description	Type	Final Eval.	Reassessn	%
Exam Part 1	Written exam	No	Yes	30,00
Exam Part 2	Written exam	Yes	Yes	30,00
Individual work	Work	No	No	20,00
Team work	Work	No	No	20,00
TOTAL				100,00

Observations

Due to the practical character of the course, the student's evaluation would be made through continuous evaluation of the student's attendance, engagement and performance in class, and through the assessment of examinations and projects carried out during the classes under the supervision of the teachers.

Observations for part-time students

Part-time students will be evaluated only with the written final exam of the subject

8. BIBLIOGRAPHY AND TEACHING MATERIALS

BASIC

BIBLIOGRAFÍA BÁSICA PARTE 1

GÓMEZ PORTILLA, P. y NOGUÉS LINARES, S. (2003). Planeamiento Urbanístico. Ediciones Universidad de Cantabria. Santander.

NOGUÉS LINARES, Soledad (Ed.) (2007). Curso de Planeamiento urbanístico. Colegio de Ingenieros de Caminos, Canales y Puertos de Cantabria. Santander.

SANTAMERA, Juan A. (2001). Introducción al planeamiento urbano. Colegio de Ingenieros de Caminos, Canales y Puertos. Madrid.

BIBLIOGRAFÍA PARTE 2

APUNTES ASIGNATURA.

ANUARIO ESTADÍSTICO DEL MINISTERIO DE FOMENTO.

IZQUIERDO DE BARTOLOMÉ, R. (2001). Transportes: Un enfoque integral. Servicio de Publicaciones CICCPC. Madrid. (1ª ed. 1994).