

## SUBJECT TEACHING GUIDE

### M2168 - Port Management

#### Master's Degree in civil Engineering, Canal and Port Engineering

Academic year 2022-2023

1. IDENTIFYING DATA			
Degree	Master's Degree in civil Engineering, Canal and Port Engineering	Type and Year	Optional. Year 2
Faculty	School of civil Engineering		
Discipline	SPECIALITY IN TRANSPORT, URBAN PLANNING AND LAND MANAGEMENT		
Course unit title and code	M2168 - Port Management		
Number of ECTS credits allocated	3	Term	Semester based (2)
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	MIGUEL ANGEL PESQUERA GONZALEZ
E-mail	miguel.pesquera@unican.es
Office	E.T.S. de Ingenieros de Caminos, Canales y Puertos. Planta: + 1. DESPACHO (1006)
Other lecturers	

### 3.1 LEARNING OUTCOMES

- To master and know how Port Management is carried out in the field of logistics chains of goods and international trade , carrying out a work for student evaluation related to port competitiveness in disruptive moments in the port logistics chain such as the Suez Canal incident in 2021, and the Covid-19 pandemic.

#### 4. OBJECTIVES

To know the key elements of digitalization and automation in Port Management.

Intermodality for efficiency in port logistics.

The technologies to be applied such as IoT, Blockchain and AI.

The network and distributive governance model.

#### 6. COURSE ORGANIZATION

##### CONTENTS

1	Digitalization in Port Logistics
2	Intermodality, Port Logistics
3	Automation in port logistics chains

#### 7. ASSESSMENT METHODS AND CRITERIA

Description	Type	Final Eval.	Reassessn	%
Continuous evaluation will be carried out by monitoring class attendance.	Work	Yes	Yes	100,00
TOTAL				100,00
Observations				
<p>In relation to the agreements adopted in the ordinary session of the School Board held on June 10, 2010, it is established that, with respect to the evaluation activities that have the character of recoverable,</p> <ul style="list-style-type: none"> <li>- As a general criterion and unless otherwise specified in this guide, a student will only be able to present himself/herself for the recovery of those activities that he/she has not passed, that is to say, in which he/she has not obtained a minimum grade of four out of ten.</li> <li>- As a general criterion, and unless otherwise specified in this guide, in the recovery period the evaluation procedure of an activity will be the same as that of the activity that originates it.</li> </ul> <p>As there are two parts to the course, the minimum grade of four applies to both parts.</p> <p>Note: According to the royal decree RD 1125/2003 on the European credit system and the grading system in official university degrees of an official nature and valid throughout the national territory, the results obtained by the student in each one of the subjects of the in each of the subjects of the syllabus will be graded according to the following numerical scale from 0 to 10, with one decimal place, to the following 0,0-4,9: Failure (SS). 5.0-6.9: Pass (AP). 7.0-8.9: Notable (NT). 9.0-10: Outstanding (SB).</p>				
Observations for part-time students				
<ul style="list-style-type: none"> <li>- Participation and attendance</li> <li>- Work with oral presentation</li> </ul>				

#### 8. BIBLIOGRAPHY AND TEACHING MATERIALS

BASIC
Hercules E. Haralambides. Port Management, Palgrave Macmillan, 2015
Dong-Wook Song, Photis M. Panayides. Maritime Logistics: A Guide to Contemporary Shipping and Port Management. Kogan Page, 2015
Burns, Maria G. Port Management and Operations. CRC Press, 2014

