

SUBJECT TEACHING GUIDE

604 - Port Management

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

Academic year 2023-2024

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	604 - 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	JOSE LUIS MOURA BERODIA
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Other lecturers	MIGUEL ANGEL PESQUERA GONZALEZ LUIGI DELL'OLIO

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				
Observations for part-time students				
Course Work				

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