

## COURSE OUTLINE

### (1) General information

<b>FACULTY/SCHOOL</b>	MARITIME AND INDUSTRIAL STUDIES		
<b>DEPARTMENT</b>	MARITIME STUDIES		
<b>LEVEL OF STUDY</b>	UNDERGRADUATE		
<b>COURSE UNIT CODE</b>	NA407	<b>SEMESTER</b>	4th
<b>COURSE TITLE</b>	PORT MANAGEMENT		
<b>INDEPENDENT TEACHING ACTIVITIES</b> <i>in case credits are awarded for separate components/parts of the course, e.g. in lectures, laboratory exercises, etc. If credits are awarded for the entire course, provide the weekly teaching hours and the total number of credits</i>	<b>WEEKLY TEACHING HOURS</b>	<b>CREDITS</b>	
Lectures, Case Studies' Exercises	4	6	
<i>Add rows if necessary. The organization of lectures and the teaching methods utilized are described in detail under section 4</i>			
<b>COURSE TYPE</b> <i>Background knowledge, Scientific expertise, General Knowledge, Skill Development</i>	BACKGROUND KNOWLEDGE		
<b>PREREQUISITE COURSES:</b>			
<b>LANGUAGE OF INSTRUCTION:</b>	GREEK		
<b>LANGUAGE OF EXAMINATION/ASSESSMENT:</b>			
<b>THE COURSE IS OFFERED TO ERASMUS STUDENTS</b>	NO		
<b>COURSE WEBSITE (URL)</b>	<a href="https://eclass.unipi.gr/courses/NAS105">https://eclass.unipi.gr/courses/NAS105</a>		

### (2) LEARNING OUTCOMES

#### **Learning Outcomes**

The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which students will acquire upon successful completion of the course, are described in detail.

It is necessary to consult:

#### **APPENDIX A**

- Description of the level of learning outcomes for each level of study, in accordance with the European Higher Education Qualifications' Framework.
- Descriptive indicators for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and

#### **APPENDIX B**

- Summarized Guidelines for writing Learning Outcomes

This course deals with aspects of Port Management, as it has so far evolved and as it is expected to evolve within an international environment as well as by the changing trends in transport and commerce.

The course's material, aims to educate students on port industry's basic concepts, the range and the characteristics of the «port product», as well as the services a port offers.

In this course, we examine the organization and structure of port management, by presenting case studies of selected ports and focusing on the relationships amongst the port, the ship, the cargo and the port type. The existence of these contemporary models directly relates to the evolution of theoretical approaches in the field of organizational theory, for the transition from Fordism to Quality Management. Highlighting managerial issues in modern ports is also a part of this discussion.

By successfully completing this course, the student will be able to:

- Understand the essential aspects of the port industry and its relationship with economy and regional development.
- Exhibit knowledge of port management and organizational tools required for the operation of these idiosyncratic economic organizations- i.e. Ports
- Distinguish the main roles and the importance of a specific port terminal, or a case study based on a related project, thus assessing the role and the consequences on the interested parties (stakeholders).
- Perceive the port by the viewpoint of transport industry, as a significant link in door to door transport chains, while managing to define basic elements, such as the critical path, interdependencies and other services as well as a realistic financial estimate.
- Analyze and evaluate the impact of externalities of a port terminal's operation on local economy and hinterland.
- Cooperate with his/her fellow students in order to examine possible forms of effective port management and operation, from the perspective of a user, of a producer, of an investor, or on behalf of the local communities

### **General Competences**

*Taking into consideration the general competences that students/graduates must acquire (as described in the Diploma's Annex and listed below), to which of the following does the course aim?*

*Research, analysis and synthesis of data and information by the utilization of appropriate technologies,*

*Adapting to new situations*

*Decision-making*

*Individual/Independent work*

*Group/Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Developing innovative ideas*

*Project planning and management*

*Respect for diversity and multiculturalism*

*Environmental awareness*

*Social, professional and ethical responsibility and*

*sensitivity to gender issues*

*Critical thinking*

*Promotion of free, creative and inductive thinking*

*.....*

*(Other.....citizenship, spiritual freedom, social awareness, altruism etc.)*

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<p><i>Adapting to new situations and decision-making</i></p> <p><i>Individual work</i></p> <p><i>Team work</i></p> <p><i>Working in an international environment</i></p> <p><i>Working in an interdisciplinary environment</i></p>

**(3) COURSE CONTENT**

<ol style="list-style-type: none"> <li>1. Port Business – Introductory concepts</li> <li>2. The operational environment of port organizations <ul style="list-style-type: none"> <li>• The economic environment (National economy, International commerce)</li> <li>• Supply and demand of port services</li> <li>• Unitization and organization of transport operations</li> </ul> </li> <li>3. Operations of the port business</li> <li>4. Port businesses’ organization</li> <li>5. Port businesses’ externalization of functions and operations</li> <li>6. Port businesses’ organizational determinants</li> <li>7. Port businesses’ segmentation</li> <li>8. Port businesses’ operations’ and Department classification and analysis</li> <li>9. Organizational culture of port businesses</li> <li>10. Corporate Social Responsibility of port businesses</li> <li>11. Quality Management and Environmental Responsibility in port businesses</li> <li>12. Leadership in Port businesses</li> </ol>
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**(4) TEACHING METHODS--ASSESSMENT**

<p><b>MODES OF DELIVERY</b></p> <p><i>Face-to-face, in-class lecturing, distance teaching and distance learning etc.</i></p>	In-class lecturing	
<p><b>USE OF INFORMATION AND COMMUNICATION TECHNOLOGY</b></p> <p><i>Use of ICT in teaching, Laboratory Education, Communication with students</i></p>	Use of ICT in teaching and in communication with the students.	
<p><b>COURSE DESIGN</b></p>	<p><b>Activity/Method</b></p>	<p><b>Semester workload</b></p>
	Lectures	52

<p><i>Detailed description of teaching techniques, practices and methods: Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, Internship, Art Workshop, Interactive teaching, Educational visits, project elaboration, Essay writing, Artistic creativity, etc.</i></p> <p><i>The study hours for each learning activity as well as the hours of self-directed study are given following the principles of the ECTS.</i></p>	Case Studies	6
	Individual or Team Essay Writing	25
	Non guided study	67
	<b>Total</b>	<b>150</b>
<p><b>STUDENT PERFORMANCE EVALUATION/ASSESSMENT METHODS</b></p> <p><i>Detailed description of the evaluation procedures:</i></p> <p><i>Language of evaluation, assessment methods, formative or summative (conclusive), multiple choice tests, short- answer questions, open-ended questions, problem solving, written work, essay/report, oral exam, presentation, laboratory work, other.....etc.</i></p> <p><i>Specifically defined evaluation criteria are stated, as well as if and where they are accessible by the students.</i></p>	<p>Written examination (80%) with the following content:</p> <ul style="list-style-type: none"> <li>- Viewpoint questions</li> <li>- Case Studies</li> <li>- Comparative evaluation of theory elements</li> </ul> <p>Team written essays and participation in discussions through e-class platform, will be taken into consideration (20%).</p>	

##### (5) SUGGESTED BIBLIOGRAPHY:

<p><i>-Suggested bibliography:</i></p> <p><i>-Relevant Scientific Journals:</i></p> <ol style="list-style-type: none"> <li>1. Chlomoudis C., "Port Industry, Trends and Developments: Companies &amp; Systems in the Age of Competition in Port Organization and Operations", (Greek edition) Papazisis Publications, 2012, ISBN 978-960-02-2613-3.</li> <li>2. "Port Planning in the Modern Port Industry", Uploaded as a soft copy in e-class, J&amp;J Hellas Publications, Piraeus, 2006, ISBN: 960-8461-49-9.</li> <li>3. "European Port Policy: Towards a Long Term Strategy". (Chlomoudis, C.I. and Pallis A.A), Cheltenham Edward Elgar, ISBN 1843760932. Series Editor: K. Button. Economics- Management Policy, Cambridge, UK-Northampton, USA 2002</li> </ol> <p><b>Teaching Notes and contemporary literature</b></p> <ul style="list-style-type: none"> <li>• Tutor's notes</li> </ul> <p><b>Relevant Scientific Journals:</b></p>
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- Maritime Policy and Management
- International Journal of Shipping and Transport Logistics