

## COURSE OUTLINE

### (1) General information

<b>FACULTY/SCHOOL</b>	Maritime and Industrial Studies		
<b>DEPARTMENT</b>	Maritime Studies		
<b>LEVEL OF STUDY</b>	Bachelor		
<b>COURSE UNIT CODE</b>	NA 59		
<b>COURSE TITLE</b>	MARITIME MARKETS AND PORT INDUSTRY		
<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, give the weekly teaching hours and the total credits</i>	<b>WEEKLY TEACHNG HOURS</b>	<b>CREDITS</b>	
<i>Add rows if necessary. The organization of teaching and the teaching methods used are described in detail under section 4</i>	4	6	
<b>COURSE TYPE</b> <i>Background knowledge, Scientific expertise, General Knowledge, Skills Development</i>	SCINTIFIC KNOWLEDGE		
<b>PREREQUISITE COURSES:</b>	NO		
<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/NAS100">https://eclass.unipi.gr/courses/NAS100</a>		

### (2) LEARNING OUTCOMES

#### **Learning Outcomes**

*The course learning outcomes, specific knowledge, skills and competences of an appropriate (certain) 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**

- *Guidelines for writing Learning Outcomes*

*The aim of this course is to give to the students the basic principles of Maritime markets and Port Industry:*

- Which is the role of contemporary ports in the chain of transport systems
- How is the structure and the functions (facilities) of a port. Especially the type of each Terminal according the cargo or passengers that handles (maritime market)
- The role of a port in the global Port Industry

The above knowledge is prerequisite for understanding the microeconomics of a port (as a company) or macroeconomics of an area that is influenced from the function of a port. Finally, the students will be able to understand the operation of the maritime sector, in a “door to door delivery” for cargos.

### General Competences

Taking into consideration the general competences that students/graduates must acquire (as those are described in the Diploma Supplement and are mentioned below), at which of the following does the course attendance aim?

Search for, analysis and synthesis of data and information by the use 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

Introduction of innovative research

Project planning and management

Respect for diversity and multiculturalism

Environmental awareness

Social, professional and ethical responsibility and sensitivity to gender issues

Critical thinking

Development of free, creative and inductive thinking

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

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- Adapting to new situations
- Decision Making
- Individual work or Team Work throughout the Papers they need to accomplish
- Critical thinking
- Development of free, creative and inductive thinking

### (3) COURSE CONTENT

1. Definition of Terminal Ports
2. The Role of a port and its basic functions
3. Classification of Ports
4. Reasons of changes of the activities of a contemporary port
5. Geography of a port as a factor for its development
6. The waterways and the role of Canals (eg. Panama Canal)
7. Sea trade of general Cargo
8. Port Terminals of conventional general cargo
9. The trends of container transfer and their impact in Port Industry
10. Port Container Terminals
11. Container Terminals in Hinterland – Distribution Parks
12. IT in Container Terminals
13. Ro-Ro Terminals and Port Terminals that serve barges
14. Sea trade of bulk dry cargoes
15. Port Terminals handling bulk dry cargo
16. Sea trade of bulk liquid cargo
17. Port Terminals handling bulk liquid cargo
18. Sea trade of liquefied gases
19. Port Terminals handling liquefied gases

#### (4) TEACHING METHODS--ASSESSMENT

<p><b>MODES OF DELIVERY</b> <i>Face-to-face, in-class lecturing, distance teaching and distance learning etc.</i></p>	<p>In-class lecturing</p> <p>Face to face (for queries for the lesson or the exercises being given)</p>												
<p><b>USE OF INFORMATION AND COMMUNICATION TECHNOLOGY</b> <i>Use of ICT in teaching, Laboratory Education, Communication with students</i></p>	<p>Use of ICT in teaching (e-class)</p> <ul style="list-style-type: none"> <li>• notes of the lesson</li> <li>• communication with students</li> </ul>												
<p><b>COURSE DESIGN</b> <i>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, projects, 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.in</i></p>	<table border="1" data-bbox="683 813 1347 1037"> <thead> <tr> <th><b>Activity/Method</b></th> <th><b>Semester workload</b></th> </tr> </thead> <tbody> <tr> <td>Lectures</td> <td>52</td> </tr> <tr> <td>Case Studies</td> <td>10</td> </tr> <tr> <td>Projects (written work)</td> <td>30</td> </tr> <tr> <td>Non-guided study</td> <td>58</td> </tr> <tr> <td><b>Total</b></td> <td><b>150</b></td> </tr> </tbody> </table>	<b>Activity/Method</b>	<b>Semester workload</b>	Lectures	52	Case Studies	10	Projects (written work)	30	Non-guided study	58	<b>Total</b>	<b>150</b>
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<p><b>STUDENT PERFORMANCE EVALUATION/ASSESSMENT METHODS</b> <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>The teaching of the course as well as the evaluation is in Greek language.</p> <p>Oral Exam (70%)</p> <ul style="list-style-type: none"> <li>• short-answer questions</li> <li>• open-ended questions</li> </ul> <p>Work Paper and its presentation (30%)</p>												

#### (5) SUGGESTED BIBLIOGRAPHY:

-Suggested bibliography:

1. *Port Industry in the challenges of Globalized Economy and the Integrated transport systems*, Aggeliki Pardali, 2001, Stamoulis Publications, Athens

2. Specified notes and sources uploaded in e-class

3. Scientific Magazines

- **Marine Policy**, [www.sciencedirect.com/science/journal/0308597X](http://www.sciencedirect.com/science/journal/0308597X)
- **Maritime Policy & Management**,  
[http://taylorandfrancis.metapress.com/\(uqr2ej55egfz1z55iggn103x\)/app/home/](http://taylorandfrancis.metapress.com/(uqr2ej55egfz1z55iggn103x)/app/home/)