

## COURSE OUTLINE

### (1) GENERAL

<b>SCHOOL</b>	School of Engineering		
<b>ACADEMIC UNIT</b>	Department of Naval Architecture		
<b>LEVEL OF STUDIES</b>	Undergraduate		
<b>COURSE CODE</b>	NAOME1370	<b>SEMESTER</b>	9 <sup>th</sup>
<b>COURSE TITLE</b>	<b>SUPPLY CHAIN IN MARITIME TRANSPORT</b>		
<b>INDEPENDENT TEACHING ACTIVITIES</b>		<b>WEEKLY TEACHING HOURS</b>	<b>CREDITS (ECTS)</b>
Lectures and case study projects		3	4
<b>COURSE TYPE</b> <i>general background, specialbackground, specialised general knowledge, skills development</i>	Specialised		
<b>PREREQUISITE COURSES:</b>			
<b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>	Greek		
<b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>	Yes (in English)		
<b>COURSE WEBSITE (URL)</b>	<a href="https://eclass.uniwa.gr/courses/NAFP178/">https://eclass.uniwa.gr/courses/NAFP178/</a>		

### (2) COURSE GOALS / LEARNING OUTCOMES

The aim of the course is to cover the basic principles of the supply chain in maritime transport and the analysis of the crucial parameters. Emphasis is given to the study of the supply chain of liquid and gaseous hydrocarbons by using Floating Storage Regasification Units (FSRU).

### (3) COURSE CONTENT / SYLLABUS

Lectures:

1. Introduction to the Supply Chain.
2. International Transport - Trends and Prospects.
3. Modern needs and strategies.
4. Selecting the suitable means of transport. Internodal transport.
5. Terminal stations.
6. Oil and gas shipping.
7. The influence of multiple factors in route selection
8. Decision support analysis in maritime transport
9. Offshore platforms
10. Floating production systems (FPS), Floating Production Storage and Offloading System (FPSO)
11. Floating Storage Regasification Units (FSRU)
12. Specialized case studies on supply chains in maritime transport.

#### (4) TEACHING and LEARNING METHODS - EVALUATION

<p style="text-align: center;"><b>DELIVERY</b></p> <p>Face-to-face, Distance learning, etc.</p>	Face-to-face																	
<p style="text-align: center;"><b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b></p> <p>Use of ICT in teaching, laboratory education, communication with students</p>	<ul style="list-style-type: none"> <li>Support learning through the electronic e-class platform.</li> <li>Lectures through software for presentations available on the course website.</li> </ul>																	
<p style="text-align: center;"><b>TEACHING METHODS</b></p> <p><i>The manner and methods of teaching are described in detail.</i></p> <p><i>Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.</i></p> <p><i>The student's study hours for each learning activity are given as well as the hours of non- directed study according to the principles of the ECTS</i></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Activity</i></th> <th style="text-align: center;"><i>Workload (hours)</i></th> </tr> </thead> <tbody> <tr> <td>Lectures</td> <td style="text-align: center;">39</td> </tr> <tr> <td>Case study Project</td> <td style="text-align: center;">26</td> </tr> <tr> <td>Technical essay writing</td> <td style="text-align: center;">13</td> </tr> <tr> <td>Study of Lectures</td> <td style="text-align: center;">39</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td>Course total</td> <td style="text-align: center;"><b>117</b></td> </tr> </tbody> </table>		<i>Activity</i>	<i>Workload (hours)</i>	Lectures	39	Case study Project	26	Technical essay writing	13	Study of Lectures	39					Course total	<b>117</b>
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<p style="text-align: center;"><b>STUDENT PERFORMANCE EVALUATION</b></p> <p><i>Description of the evaluation procedure</i></p> <p><i>Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other</i></p>	<ul style="list-style-type: none"> <li>i) Written final examination (70%) that includes solving problems related to the theory.</li> <li>ii) Evaluation of technical group work reports (30%).</li> </ul>																	

#### (5) ATTACHED BIBLIOGRAPHY

<p>1. Logistics &amp; Supply Chain Management (5th Edition), Martin Christopher, Publishing Financial Times.</p>
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