

## COURSE OUTLINE

### (1) GENERAL

<b>SCHOOL</b>	SCHOOL OF BUSINES		
<b>ACADEMIC UNIT</b>	DEPARTMENT OF SHIPPING TRADE AND TRANSPORT		
<b>LEVEL OF STUDIES</b>	POSTGRADUATE		
<b>COURSE CODE</b>	1205 FE0113	<b>SEMESTER</b>	3 <sup>RD</sup>
<b>COURSE TITLE</b>	SHIPS' OPERATION		
<b>INDEPENDENT TEACHING ACTIVITIES</b> <i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits</i>		<b>TEACHING HOURS</b>	<b>CREDITS</b>
		18	2
<i>Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).</i>			
<b>COURSE TYPE:</b> <i>general background, special background, specialised general knowledge, skills developmen</i>	CORE COURSE		
<b>PREREQUISITE COURSES:</b>	NO		
<b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>	ENGLISH		
<b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>	NO		
<b>COURSE WEBSITE (URL)</b>	<a href="https://aegeanmoodle.aegean.gr/course/view.php?id=2321">https://aegeanmoodle.aegean.gr/course/view.php?id=2321</a>		

### (2) LEARNING OUTCOMES

<p><b>Learning Outcomes</b> <i>The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.</i></p>
<p>Completing the course successfully, students should be able to (Learning outcomes):</p> <ul style="list-style-type: none"> <li>• know the particularities of managing ships as production units of shipping companies</li> <li>• understand the impact of the special characteristics of ships and cargoes.</li> <li>• analyze the effects of developments in the institutional framework of shipping regarding shipboard management/cargo handling</li> <li>• distinguish the ways of connecting the various operation of the shipping company with the production process of the maritime transport service</li> <li>• analyze the impact of new data and standards related to quality management in the operation of the shipping management</li> </ul>
<p><b>General Competences</b></p>

The course aims at the acquisition of general skills related to:

- Search for, analysis and synthesis of data and information, with the use of the necessary technology
- Adapting to the rapid changing shipping environment
- Decision-making
- Communication
- Production of free, creative and inductive thinking
- Respect for the marine environment

### (3) SYLLABUS

- Introduction to Maritime Operations Management
- Ship / cargo Matching. Ship Organization. Shore management
- Characteristics of Specialized capacities Cargo handling
- Institutional operating framework in maritime industry
- Ship-cargo / Carrier-Shipper: key elements of the charter agreement
- Freight index. The case of worldscale
- Compliance with load line convention throughout the intended voyage
- Arrival at port /Notice of readiness /Laytime
- Laytime calculation /Case study
- Cargo claims. Means of protection
- Flag Selection criteria / classification societies / P & I Clubs/Agents
- Crew manning/Selection criteria/ training/ health/evaluation
- Safety and Quality/Risk assessment/ Near miss reporting/Security Salvage of own ship or the other ship in imminent danger. The role of the master

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

<b>DELIVERY</b> <i>Face-to-face, Distance learning, etc</i>	<ul style="list-style-type: none"> <li>• Distance learning, use of e-class platform and face-to-face lectures</li> </ul>	
<b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b>	<ul style="list-style-type: none"> <li>• Lecture guides in Moodle</li> <li>• Project presentations</li> <li>• Additional links in Moodle</li> </ul>	
<b>TEACHING METHODS</b>	<b>Activity</b>	<b>Semester Workload</b>
	Lectures	18
	Case studies	60

	<i>Course Total</i>	<b>78</b>
<b>STUDENT PERFORMANCE EVALUATION</b>	<p><b>Evaluation method : Summative</b></p> <p>Evaluation in Greek through written examination (100%) which includes open-ended questions and/or multiple choice questions, short-answer questions, problem solving.</p> <p>Evaluation criteria: Correct answers on the basis of the bibliography, correct methodology &amp; results in solving the problem, marks deducted for wrong answers in the multiple choice questions and short-answer questions. The evaluation criteria are included in the uploaded course form and are in the course guide provided electronically via moodle.</p>	

#### **(5) ATTACHED BIBLIOGRAPHY**

*Suggested Bibliography:*

- Lecture notes for Ship and Cargo Management by G.Georgoulis and H.Thanopoulou In Greek (Interactive electronic edition available freely to course students)
- "SHIP MANAGEMENT" John Spruyt, (1994) Lloyds' of London Press ISBN 185044532X
- "MANAGING SHIPS" John Downard, (1991), Fairplay Publications ISBN 0 905 045 59 9

Related academic journals:

- Maritime Policy & Management

Additional sources

- Case Studies on ship operation from the archives of G.Georgoulis

*A significant number of complementary Greek and foreign language books and journals are also available in the Library and Marlinet members' libraries - the latter can be accessed through <https://marlinet.aegean.gr/home> - as additional reference material for those interested in expanding their knowledge of the subject.*