

COURSE OUTLINE

(1) GENERAL INFORMATION

FACULTY / SCHOOL	MARITIME AND INDUSTRIAL STUDIES		
DEPARTMENT	MARITIME STUDIES		
LEVEL OF STUDY	UNDERGRADUATE		
COURSE UNIT CODE	NA59	SEMESTER	7 th
COURSE TITLE	Maritime Markets and Port Industry		
INDEPENDENT TEACHING ACTIVITIES <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>		WEEKLY TEACHING HOURS	CREDITS
		4	6
<i>Add rows if necessary. The organization of teaching and the teaching methods used are described in detail under section 4</i>			
COURSE TYPE <i>Background knowledge, Scientific expertise, General knowledge, Skills development,</i>	Background Knowledge		
PREREQUISITE COURSES:			
LANGUAGE OF INTRODUCTION:	Greek		
LANGUAGE OF EXAMINATION/ASSESSMENT:			
THE COURSE IS OFFERED TO ERASMUS STUDENTS:	No		
COURSE WEBSITE (URL):	https://eclass.unipi.gr/courses/NAS443/		

(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:

- What 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 a prerequisite for understanding the microeconomics of a port (as a company) or the macroeconomics of an area that is influenced by 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 cargoes.

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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Upon completion of the course, it is expected that students will be able to:

- Increase their situation awareness and adaptability as regards the port industry
- Proceed in Decision-making
- Perform teamwork and cooperation
- Exercise of criticism
- Promote free, creative and inductive thinking

(3) COURSE CONTENT

Course content

The course content is developed in the following main sections:

1. Role and basic functions of ports.
2. Causes of changes in the activities and functions of modern ports.
3. The geographical factor and its role in the development and evolution of ports.
4. Seaways and the role of international canals.
5. World maritime trade and its determining factors.
6. Maritime container trade.
7. Port Terminals that handle containers.
8. Inland container terminals – distribution parks.
9. Maritime trade in dry bulk cargo.
10. Dry bulk terminals.
11. Maritime trade in liquid bulk cargo.
12. Liquid bulk terminals.
13. Maritime vehicle trade and RO-RO reception facilities
14. Ro-Ro port terminals
15. The coastal shipping market and coastal shipping ports
16. The cruise market
17. Cruise terminals
18. The yachting market
19. Tourist ports (marinas)

(4) TEACHING METHODS – ASSESSMENT

MODES OF DELIVERY <i>Face-to-face, in-class lecturing, distance teaching and distance learning, etc.</i>		
USE OF INFORMATION AND COMMUNICATION TECHNOLOGY <i>Use of ICT in teaching, Laboratory Education, Communication with Students</i>		
COURSE DESIGN <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. The study hours for each learning activity as well</i>	Activity/Method	Semester workload
	Lectures	52
	Non-guided study	48
	Case Studies analysis	10
	Project	40
	Total	150

as the hours of self-study are given following the principles of ECTS.		
STUDENT PERFORMANCE EVALUATION/ASSESSMENT METHODS <i>Detailed description of the evaluation procedures:</i> <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> <i>Specifically defined evaluation criteria are stated, as well as if and where they are accessible by the students</i>	Team Project (non-compulsory) (40%) Final Exams (60% / 100%)	

(5) SUGGESTED BIBLIOGRAPHY

The lectures are based on educational material in the form of power point files which are available on the e-class page of the course.

Literature:

- Notes and power point slides
- Theo Notteboom, Athanasios Pallis and Jean-Paul Rodrigue (2022) [Port Economics, Management and Policy](#), New York: Routledge, 690 pages / 218 illustrations. ISBN 9780367331559.

Supplementary bibliography:

- Papers and study material from the web node [PortEconomics](#)
- *Scientific Journals:*
 - Maritime Policy and Management
 - Maritime Economics and Logistics
 - Research in Transportation and Business Management
 - Maritime Business Review