

COURSE OUTLINE

(1) GENERAL INFORMATION

FACULTY / SCHOOL	MARITIME AND INDUSTRIAL STUDIES		
DEPARTMENT	MARITIME STUDIES		
LEVEL OF STUDY	UNDERGRADUATE		
COURSE UNIT CODE	NA 511	SEMESTER	6 th
COURSE TITLE	Port Planning and Organisation		
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:	YES		
COURSE WEBSITE (URL):	https://eclass.unipi.gr/courses/NAS515/		

(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 teaching of the course Port Planning and Organization aims to provide students with knowledge related to:

- the principles of port planning with a view to more effective and efficient management and development of ports.
- the planning and implementation of the private sector participation in the port industry.
- the specificities and requirements of individual maritime markets.
- The role of technology in port planning
- the complex commercial and operational dimensions of port policy (a) at the microeconomic level (port) (b) at the national level (national port policy) and (c) at the supranational level (with emphasis on the European Port Policy).

At the end of the course, students are able to distinguish, define, perceive and understand:

- the specificities of port development and design according to the specific maritime markets they serve, as well as the functional integration of ports with transport and supply chains
- the subject matter and basic principles of port policy at the national level
- The impacts of changes in port governance, as well as the increasing participation of the private sector in the port production process.
- The parameters of port efficiency and its importance in the modern competitive port environment.

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

.....

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

.....

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

- Search and proceed with the analysis and synthesis of data and information with the use of the necessary technologies.
- Promote free, creative and inductive thinking
- Proceed in decision making
- Work in a scientific environment
- Develop and promote new research ideas

(3) COURSE CONTENT

Course content

The course content is developed in the following main sections:

- Introduction
- Different types of port terminals
- Port Planning and Regional Development
- Technology – Digitalization – Port Automation
- City – port relations
- Environmental challenges and port planning
- Creation of a port Master Plan
- Case Study – Master Plan of PPA and PTA
- European Transport and Maritime Policy
- European Port Policy
- National Port Policy

(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 hours
	Non-guided study	52 hours
	Problem Solving / Case studies	46 hours
	Total	150 hours

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>	Final exam (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
- Pallis A, "Port Economics: Economics, Organization and Management of commercial ports" (in Greek). Papazisi Publications, 2023

Supplementary bibliography:

- [Port Economics, Management and Policy](http://www.porteconomicsmanagement.org) E-book. (www.porteconomicsmanagement.org).
- 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