COURSE OUTLINE

Organization and Operation of the Local Maritime and Port Cluster

(1) GENERAL

SCHOOL	MARITIME AND INDUSTRIAL STUDIES		
ACADEMIC UNIT	DEPARTMENT OF MARITIME STUDIES		
LEVEL OF STUDIES	Post-graduate		
COURSE CODE		SEMESTER	C
COURSE TITLE	Organization and Operation of the Local Maritime and Port Cluster		
INDEPENDENT TEACHING ACTIVITIES *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*		WEEKLY TEACHING HOURS	CREDITS
Lectures and exercises		3	5
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).			
COURSE TYPE *general background, special background, specialised general knowledge, skills development*	General background		
PREREQUISITE COURSES:	-		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	No		
COURSE WEBSITE (URL)	https://eclass.unipi.gr		

(2) LEARNING OUTCOMES

Learning outcomes

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.

Consult Appendix A

- *Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area*
- *Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B*
- *Guidelines for writing Learning Outcomes*

The course aims at examining Port and maritime "CLUSTERS" as well as the reasons and conditions for their development. In the context of this course the relevant theoretical approach of Porter is employed in attempting to analyze the importance of the "Port Community" and the group of port "users", for port planning. The course also aims at defining the overall coastal activity as it is developed by various organizations and groups.

General Competences

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?

Search for, analysis and synthesis of data and information, with the use of the necessary technology
Adapting to new situations
Decision-making
Working independently
Team work
Working in an international environment
Project planning and management
Respect for difference and multiculturalism
Respect for the natural environment
Showing social, professional and ethical responsibility and sensitivity to gender issues
Criticism and self-criticism
Production of free, creative and inductive thinking

Working in an interdisciplinary environment *Production of new research ideas*	*……* *Others…* *…….*

- Adapting to new situations
- Decision-making
- Working independently and/ not team work
- Criticism and self-criticism
- Production of free, creative and inductive thinking

(3) SYLLABUS

- The concept of Cluster
- Porter's Theory of "Clusters"
- The institutional framework of Clusters in the EU and in Greece
- The characteristics of a Cluster
- The types of Clusters
- The success factors of the development of Clusters
- The advantages of Cluster
- The life cycle of Clusters
- The Hellenic Maritime Cluster
- The characteristics of the Greek Maritime Cluster
- The benefits and advantages of Maritime Clusters
- Successful examples of Maritime Clusters in Europe and the rest of the world
- The Port Cluster
- The characteristics of the Port Cluster
- The differences and synergies of the Maritime and Port Cluster
- Successful examples of Port Clusters in Europe and the rest of the world
- The Port Cluster of Piraeus

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY *Face-to-face, Distance learning, etc.*	Face-to-face and Distance learning
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY *Use of ICT in teaching, laboratory education, communication with students*	e-class
TEACHING METHODS *The manner and methods of teaching are described in detail.* *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.* *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*	
STUDENT PERFORMANCE EVALUATION *Description of the evaluation procedure* *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*	1. Conclusive evaluation in Greek language that includes short-answer questions and/ or multiple-choice questions (70%) • Evaluation objective: For students to understand the content of the course

Activity	*Semester workload*
Lectures	24
Case study analysis	14
Individual or group project	38
Non-directed study	74
Course total	***150***

presentation, laboratory work, clinical examination of patient, art interpretation, other *Specifically-defined evaluation criteria are given, and if and where they are accessible to students.*	• Evaluation criteria: Understanding, precision, critical thinking. 2. Group project (30%)

(5) ATTACHED BIBLIOGRAPHY

Suggested bibliography:

- Instructors' notes
- Selected bibliography
    - *Lagoudis, I., Madentzoglou, E., Theotokas, I., and Yip, T.L. (2019). Maritime Cluster Attractiveness Index, Maritime Business Review, 4:2, 169-189.*
    - *De Langen, P. (2002). Clustering and performance: the case of maritime clustering in The Netherlands, Maritime Policy & Management, 29:3, 209-221.*
    - *Koliousis, I., Papadimitriou, S., Riza, E., Stavroulakis, P., and Tsioumas, V. (2017). Strategy, policy, and the formulation of maritime cluster typologies, Marine Policy, 86, 31-38.*
    - *Vaggelas, G., and Pallis, A. (2019). Configuration and Prospects of the Piraeus Shipping Cluster, SPOUDAI Journal of Economics and Business, 69:1-2, 3-17.*
    - *Li, M., and Luo, M. (2021). Review of existing studies on maritime clusters, Maritime Policy & Management, 48:6, 795-810.*

Related academic journals

- *Maritime Policy and Management*
- *Maritime Economics and Logistics*
- *Transport Research*
- *Maritime Business Review*