

## COURSE OUTLINE

### 1. GENERAL INFORMATION

<b>SCHOOL</b>	MARITIME AND INDUSTRIAL STUDIES		
<b>DEPARTMENT</b>	INDUSTRIAL MANAGEMENT AND TECHNOLOGY		
<b>LEVEL OF STUDY</b>	POSTGRADUATE		
<b>COURSE UNIT CODE</b>		<b>SEMESTER OF STUDY</b>	3 <sup>rd</sup>
<b>COURSE TITLE</b>	DISSERTATION		
<b>INDEPENDENT TEACHING ACTIVITIES</b> <i>in case in which credits are awarded for separate components/parts of the course, e.g. in lectures, laboratory exercises, etc. If credits are awarded for the whole of the course, give the weekly teaching hours and the total credits</i>		<b>WEEKLY TEACHING HOURS</b>	<b>CREDITS</b>
Elaboration of Dissertation			12
<i>Add rows if necessary. The organization of teaching and the teaching methods used are described in detail at section 4.</i>			
<b>COURSE TYPE</b> <i>general background, special background, specialized general knowledge, skills development</i>	Special background / Skills development		
<b>PREREQUISITE COURSES:</b>	None		
<b>LANGUAGE OF INSTRUCTION and EXAMINATION/ASSESSMENT:</b>	Greek / English		
<b>THE COURSE IS OFFERED TO ERASMUS STUDENTS</b>	NO		
<b>COURSE WEBSITE (URL)</b>			

### 2. LEARNING OUTCOMES

<p><b>LEARNING OUTCOMES</b></p> <p><i>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:</i></p> <p>APPENDIX A</p> <ul style="list-style-type: none"> <li>• <i>Description of the level of learning outcomes for each qualifications' cycle, according to the European Higher Education Area's Qualification Framework.</i></li> <li>• <i>Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and APPENDIX B</i></li> <li>• <i>Guidelines for writing Learning Outcomes</i></li> </ul> <p>The Dissertation is compulsory for all postgraduate students, lasts one semester and it is equivalent to 12 ECTS. In the context of this activity, the student works under the supervision of a faculty member of the Department with a research subject and is guided in the search, study and evaluation of literature, in the composition and writing of the thesis, as well as in the oral presentation of the work.</p> <p>Upon successful completion of the Dissertation, students will:</p> <ul style="list-style-type: none"> <li>• Have studied in depth a specific topic within the scientific areas of the postgraduate study program</li> <li>• Have used their relevant knowledge acquired during their studies</li> <li>• Have developed a skill for synthesis</li> <li>• Have learned to search for appropriate scientific information from the relevant scientific literature</li> <li>• Have acquired skill in writing a scientific text</li> <li>• Have acquired competence in organizing and presenting the topic of the work</li> </ul>
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- Have gained experience in the research process
- Have gained experience in laboratory research (if the project concerns laboratory work)

### 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 aims*

*Search for, analysis and synthesis of data and information, by the use of technologies that are necessary according the case*

*Adapting to new situations*

*Decision-making*

*Independent work*

*Team work*

*Working in an international environment*

*Working in an interdisciplinary environment*

*Introduction of innovative research*

*Project planning and management*

*Respect for difference and multiculturalism*

*Environmental awareness*

*Social, professional and ethical responsibility and sensitivity to gender issues*

*Critical consciousness, criticism and self-criticism*

*Development of free, creative and inductive thinking*

- Search for, analysis and synthesis of data and information, by the use of technologies that are necessary according the case
- Adapting to new situations
- Decision-making
- Independent work
- Working in an international environment
- Introduction of innovative research
- Project planning and management
- Respect for difference and multiculturalism
- Environmental awareness
- Social, professional and ethical responsibility and sensitivity to gender issues
- Critical consciousness, criticism and self-criticism
- Development of free, creative and inductive thinking

### 3. COURSE CONTENT

Dissertation involves four phases that include:

- Search and study of bibliography
- Performance of research / laboratory work
- Paper writing
- Paper presentation

For the preparation of the thesis and the assignment of the student to a supervising faculty member, the Dissertation Writing Guide is observed.

### 4. TEACHING METHODS - ASSESSMENT

<b>TEACHING MODE</b> <i>Face-to-face, in-class lecturing, on distance teaching and distance learning etc.</i>	Face to face and/or distance teaching	
<b>USE OF INFORMATION AND COMMUNICATION TECHNOLOGY</b> <i>Use of ICT in Teaching, Laboratory Education, Communication with students</i>	During the performance of the dissertation and the preparation of the thesis, search engines are used and, depending on the nature of the work, specialized software and/or laboratory equipment <b>Communication with students:</b> face-to-face at office hours, email, eclass, teams	
<b>COURSE DESIGN</b> <i>Description of teaching techniques, practices and methods: Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, clinical practice, Art Workshop,</i>	<b>Activity / Method</b>	<b>Semester Workload</b>
	Meetings with the supervisor	72
	Search and study of bibliography	72

<p><i>Interactive teaching, Educational visits, project, Essay writing, Artistic creativity, etc.</i></p> <p><i>The study hours for each learning activity as well as the hours of non- directed study are given according to the principles of the ECTS</i></p>	Performance of the research work	93
	Paper writing	60
	Paper presentation	3
	Course Total	<b>300</b>
<p><b>STUDENT PERFORMANCE EVALUATION/ASSESSMENT METHODS</b></p> <p><i>Detailed description of the evaluation procedures:</i></p> <p><i>Language of evaluation, assessment methods, formative or summative (conclusive), multiple choice questionnaires, short- answer questions, open-ended questions, problem solving, written work, Essay/report, oral exam, public presentation, laboratory work, art interpretation, other.....etc</i></p> <p><i>Evaluation criteria are specifically defined and given as well as if and where they are reported and accessible to students.</i></p>	<p><b>Language of exams:</b> Greek / English</p> <p><b>Assessment Methods:</b> The assessment methods are described in the Dissertation Writing Guide. The final grade is obtained after the presentation of the thesis before a three-member examination committee.</p> <p><b>Notification of the Assessment Criteria:</b> The evaluation criteria are clearly stated in the Dissertation Writing Guide which is posted on the graduate program website.</p>	

## 5. SUGGESTED BIBLIOGRAPHY

-Suggested Bibliography : relevant to the topic  
 -Scientific Journals: relevant to the topic