

## COURSE OUTLINE

### (1) GENERAL

SCHOOL	HUMANITIES		
ACADEMIC UNIT	DEPARTMENT OF MEDITERRANEAN STUDIES		
LEVEL OF STUDIES	UNDERGRADUATE		
COURSE CODE	AYE-50	SEMESTER	7
COURSE TITLE	INTRODUCTION TO PREVENTIVE CONSERVATION		
<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>WEEKLY TEACHING HOURS</b>	<b>CREDITS</b>	
	3	5	
<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 development</i>	Specialized general knowledge		
<b>PREREQUISITE COURSES:</b>	None		
<b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>	Greek		
<b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>	No		
<b>COURSE WEBSITE (URL)</b>	<a href="https://eclass.aegean.gr/courses/TMS376/">https://eclass.aegean.gr/courses/TMS376/</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><i>Consult Appendix A</i></p> <ul style="list-style-type: none"> <li>• <i>Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</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>With the successful completion of the course students should be able to:</p> <ul style="list-style-type: none"> <li>• recognize the agents of deterioration in the materials that have been taught and the method for preventing them</li> <li>• understand the properties of organic and inorganic materials and how they should be managed and preserved.</li> <li>• know all the environmental parameters and understand their effect on artifacts</li> <li>• the necessary conditions for the preservation of an artifact depending on its construction materials</li> <li>• know the structure and chemical content of the materials of various types of excavation findings (e.g., organic material, ceramic, glass, stone, metal, etc.)</li> <li>• recognize the various types of deterioration, protection and management of the excavation findings</li> <li>• Acquire skills in handling, the first aid conservation treatment for excavated findings</li> <li>• Understand the basic principles of the methods of analysis</li> </ul>

- Use and successfully utilize the results of non-destructive control in making decisions about the preservation status of an artifact

#### 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  
Working in an interdisciplinary environment  
Production of new research ideas

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  
.....  
Others...  
.....

- Search for, analysis and synthesis of data and information, with the use of the necessary technology
- Decision-making
- Working in an interdisciplinary environment
- Production of new research ideas

### (3) SYLLABUS

1. Introduction
2. What is conservation: professions definition, invasive-preventive conservation, historical context, legal framework, professional rights Charter of Venice
3. Technical examination
4. Corrosion – Agents of deteriorations
5. Excavation and findings (terrestrial, underwater)
6. Materials, chemicals, solvents - Storage - Equipment, safety
7. Chemical analysis methods – destructive and non-destructive
8. Dating methods
9. Organic materials (wood (dry-water saturated), fabric, leather, bones, horn, paper, paintings)
10. Inorganic materials (ceramics, mortar, stone, metal, glass)
11. Preservation status, storage
12. Case studies

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

<b>DELIVERY</b> <i>Face-to-face, Distance learning, etc.</i>	Face to face	
<b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b> <i>Use of ICT in teaching, laboratory education, communication with students</i>	PowerPoint Presentations	
<b>TEACHING METHODS</b> <i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography,</i>	<b>Activity</b>	<b>Semester workload</b>
	lectures	39 hours (1.56 ECTS)
	personal study	83 hours (3.32 ECTS)
	end of semester exam	3 hours (0.12 ECTS)

<p>tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.</p> <p>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</p>		
	<b>Course total</b>	<b>125 hours (5 ECTS)</b>
<p><b>STUDENT PERFORMANCE EVALUATION</b></p> <p><i>Description of the evaluation procedure</i></p> <p><i>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 presentation, laboratory work, clinical examination of patient, art interpretation, other</i></p> <p><i>Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i></p>	<p>Written exams at the end of the semester</p>	

#### (5) ATTACHED BIBLIOGRAPHY

- Alexopoulou-Agoranou, A., Chysoulaki, G. (1993) Science and work of art, Gkonis Publ. Athens
- Ioakimoglou, E. (2011) The organic materials in art and archaeology, 2<sup>nd</sup> ed., Ion Publ., Athens
- Liritzis, I., (ed). (2007) New technologies in Archaeognostic Sciences, Gutenberg Publ, Athens
- Orphanidis, L., Liritzis, I. (2013) Introduction to Museology and Preventive Conservation, 3rd ed. Kardamitsa Publ, Athens
- Zervos, S., 2015. *Conservation and preservation of paper, books and archival materials.* [ebook] Athens:Hellenic Academic Libraries Link. Available Online at: <http://hdl.handle.net/11419/63>