LABORATORY MODULE OUTLINE ATM2

1. GENERAL INFORMATION

SCHOOL	OF APPLIED ARTS AND SUSTAINABLE DESIGN		
PROGRAM COURSE	Documentation and modeling of Monuments and Archaeological Sites (ATM)		
LEVEL OF STUDY	POSTGRADUATE		
MODULE CODE	ATM2	**SEMESTER OF STUDY**	1st
MODULE TITLE	**INTRODUCTION TO DIGITAL DESIGN**		
INDEPENDENT TEACHING ACTIVITIES *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*		**HOURS**	**CREDIS**
Weekly teaching hours 19-20 hours x 13 weeks		**250**	**10 ECTS**
COURSE TYPE Compulsory, Optional, Optional mandatory	Compulsory		
PREREQUISITE MODULES:	None		
LANGUAGE OF INSTRUCTION AND EXAMS	Greek		
THE MODULE IS OFFERED TO ERASMUS STUDENTS	No		
MODULE WEBSITE (URL)	https://www.eap.gr/en/documentation-and-modeling-of-monuments-and-archaeological-sites-atm-thematics/#atm2 Each laboratory module has its own space in the Learning Management System of HOU (https://courses.eap.gr/login/index.php), with controlled access (use of code) for students and teaching staff.		

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:

Upon successful completion of the Thematic Unit, students will be able to:

- Understand and perceive real space through theory and comparison with digital space.
- Design and Process two-dimensional objects in digital space.
- Represent digitally objects and sets.
- Have a basic knowledge of image processing rules and practice through software learning.
- Understand the basic rules of three-dimensional design.

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
Project planning and management
Respect for diversity and multiculturalism
Environmental awareness
Social, professional and ethical responsibility and

Decision-making *sensitivity to gender issues* *Individual/Independent work* *Critical thinking* *Group/Team work* *Development of free, creative and inductive thinking* *Working in an international environment* *……* *Working in an interdisciplinary environment (Other…….citizenship, spiritual freedom, social Introduction of innovative research awareness, altruism etc.) …….*
• Search for, analysis and synthesis of data and information by the use of appropriate technologies • Environmental awareness • Adapting to new situations • Decision-making • Individual/Independent work • Group/Team work • Working in an interdisciplinary environment • Critical thinking • Development of free, creative and inductive thinking

3. MODULE CONTENT

The Laboratory Course Module "Introduction to digital design" covers the processes of two-dimensional design on a computer by describing the relevant theories for the analysis and synthesis of two-dimensional digital space. Along the way it introduces students to the environment of three-dimensional design. The aim of the Laboratory Thematic Unit is the perception and creation of space and objects within the digital environment. Upon successful completion of the Laboratory module, students will have acquired the necessary knowledge to design and perceive objects and sets in the digital space.

4. TEACHING METHODS--ASSESSMENT

<table>
<tr><td>MODES OF DELIVERY
Face-to-face, in-class lecturing, distance teaching and distance learning etc.</td><td>Distance education with three Group Counseling Meetings (OSS) during the academic semester, held on weekends.
Personal contact and feedback when needed (consulting)</td></tr>
<tr><td>USE OF INFORMATION AND COMMUNICATION TECHNOLOGY
Use of ICT in teaching, Laboratory Education, Communication with students</td><td>We use:
Remote meetings tools (cisco webex),
Presentation software (e.g. power point),
Image processing software (i.e. Gimp)
2d drafting software (i.e. AutoCAD)</td></tr>
<tr><td>MODULE DESIGN
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 as the hours of selfdirected study are given following the principles of the ECTS.</td><td>
<table>
<tr><th>Activity</th><th>Annual Workload</th></tr>
<tr><td>3 OSS (x 3 hours)</td><td>9</td></tr>
<tr><td>3 tutorial exercises/projects</td><td>60</td></tr>
<tr><td>Final Project</td><td>40</td></tr>
<tr><td>Individual study (11 hours x 13 weeks)</td><td>143</td></tr>
<tr><td>Total laboratory module workload (hours)</td><td>250</td></tr>
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<tr><td>STUDENT PERFORMANCE EVALUATION/ASSESSMENT METHODS</td><td>Completion of assignments during the academic semester, and final project. Assignments/projects consist of a theory part, and an applied one. Final oral exam as part of the project</td></tr>
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Detailed description of the evaluation procedures. *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.* *Specifically defined evaluation criteria are stated, as well as if and where they are accessible by the students*	submission to verify authorship of projects and establishment of the level of knowledge of those taking part in the exams. For further information go to the **EAP Study Guide**.

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