

COURSE MODULE OUTLINE

(1) General information

SCHOOL	School of Applied Arts and Sustainable Design		
PROGRAM COURSE	Lighting Design		
LEVEL OF STUDY	Postgraduate		
COURSE UNIT CODE	SFP50	YEAR OF STUDY	1st
COURSE TITLE	Art, light and psychology of perception		
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>		HOURS	CREDITS
Weekly teaching hours: 18-19 hours per week X 30 weeks		560	20
<i>Add rows if necessary. The organization of teaching and the teaching methods used are described in detail under section 4</i>			
COURSE TYPE Compulsory, Optional, Optional mandatory	Compulsory		
PREREQUISITE COURSES:	NO		
LANGUAGE OF INSTRUCTION AND EXAMS:	Greek		
THE COURSE IS OFFERED TO ERASMUS STUDENTS	NO		
COURSE WEBSITE (URL)	https://www.eap.gr/en/light-design/topics/#s50 Each module has its own space in the Learning Management System of EAP (http://study.eap.gr), with controlled access (use of code) for students and teaching staff.		

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?

<i>Search for, analysis and synthesis of data and information by the use of appropriate technologies,</i>	<i>Project planning and management</i>
<i>Adapting to new situations</i>	<i>Respect for diversity and multiculturalism</i>
<i>Decision-making</i>	<i>Environmental awareness</i>
<i>Individual/Independent work</i>	<i>Social, professional and ethical responsibility and sensitivity to gender issues</i>
<i>Group/Team work</i>	<i>Critical thinking</i>
<i>Working in an international environment</i>	<i>Development of free, creative and inductive thinking</i>
<i>Working in an interdisciplinary environment (Other.....citizenship, spiritual freedom, social</i>	<i>.....</i>
<i>Introduction of innovative research</i>	<i>awareness, altruism etc.)</i>

(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*

Students will be able to:

- Know the basic concepts regarding the properties of natural and artificial light.
- Understand the different methods and tools of light management available to them.
- Handle the various capabilities of light in fields such as architecture, interior design, theater, photography, etc.
- Understand the psychological properties of light, i.e. how light influences humans in different conditions.
- Know the methods of synthesis to achieve artistic expressional goals in all of the aforementioned fields.
- Understand the basic concepts of photometry, i.e., the methods of measuring and correlating the qualitative and quantitative properties of light

(3) COURSE CONTENT

This course module has a dual objective. First, it attempts to communicate the basic properties of natural and artificial lighting. Secondly, it aims to collect the synthetic criteria in order to achieve a certain desired expression, through the lighting. These criteria are organized both through the awareness of the lighting effects on the psychology of the visitor or the inhabitant of a space, and through the analysis of artworks. The interpretation of the visual perception, through the historical consideration of light in art and architecture, is the main methodological axis of this thematic unit.

Therefore, the purpose of the unit is to collect the criteria, aesthetic and functional, which are organized around the thinking about the space and the objects, as well as to sharpen the perception, so that we can use these criteria in design, with the light as a tool.

The content of the module focuses on:

- Visual communication
- Basic Principles of visual education and signification
- History of light in art and architecture
- Psychology of visual perception

(4) TEACHING METHODS--ASSESSMENT

MODES OF DELIVERY <i>Face-to-face, in-class lecturing, distance teaching and distance learning etc.</i>	Distance teaching and distance learning	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGY <i>Use of ICT in teaching, Laboratory Education, Communication with students</i>	• Multimedia material (Videos, Slides, Exercises). • PowerPoint presentations with a wide variety of dynamic interactive files	
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.</i> <i>The study hours for each learning activity as well as the hours of selfdirected study are given following the principles of the ECTS.</i>	Activity/Method	Semester workload
	5 OSS (* 4 hours)	20
	Module activities	17
	Preparation of Assignments (4 assignments * 10 hours)	40
	Examination	3
	Individual study	497
	Total module workload (hours)	560

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>	Students are assigned to submit four (4) written assignments during the academic year. The average grade of the four (4) written assignments, weighted at 30%, is taken into consideration for the calculation of the final grade. The grade of written assignments is activated only with a score equal to or above the pass level (≥ 5) in the final or resit exams. The grade of the final or the resit exams shall be weighted at 70 % for the calculation of the final grade. Students have the right to participate in the final/resit exams if (a) at least 50% of the potentially excellent grade has been obtained when adding the total of the four (4) assignments and (b) at least three (3) of the four (4) written assignments have been submitted. All the criteria are posted, both in each written assignment (in the LMS http://study.eap.gr), as well as in the general regulation of HOU at: https://www.eap.gr/wp-content/uploads/2022/03/kanonismos-spoudwn-isxys-apo-to-didaktiko-etos-2022-2023.pdf
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(5) SUGGESTED BIBLIOGRAPHY:

- <i>Suggested bibliography</i> <i>Itten, J. (2011). Design and Form: The Basic Course at the Bauhaus and Later. trans. Vrioni, G. & Potamianos, I. Athens: Antiili</i> <i>Potamianos, I. (2015). Perception. Form and Light Athens: Antiili</i> <i>Potamianos, I. (2013). Art and Light. Painting. Sculpture. Theater. Architecture. Athens: Antiili</i> <i>Potamianos, I. (2000). The Light in the Byzantine Church. Thessaloniki: University Studio Press.</i>
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