

COURSE MODULE OUTLINE

General information

SCHOOL	APPLIED ARTS AND SUSTAINABLE DESIGN		
PROGRAM COURSE	GRAPHIC ARTS - MULTIMEDIA		
LEVEL OF STUDY	M.A.		
COURSE UNIT CODE	GTP60		2o
COURSE TITLE	GRAPHIC ARTS TECHNOLOGY		
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>	WEEKLY TEACHING HOURS	CREDITS	
Weekly load: 17.5 hours x 32 weeks	560 p.y.	20 ECTS	
<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:	NONE		
LANGUAGE OF INSTRUCTION AND EXAMS:	GREEK		
THE COURSE IS OFFERED TO ERASMUS STUDENTS	NO		
COURSE WEBSITE (URL)	https://www.eap.gr/education/postgraduate/annual/graphic-arts-multimedia/topics/#g60 Each Thematic Unit also has its own space in the digital education study space of the EAP (http://study.eap.gr), with controlled access (use of a password) for students and teaching staff.		

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

- Upon successful completion of the Th.E. the student should be able to:
- Identify the characteristics and developments of the graphic arts industry the entire process involved in prepress
 - Know the technology of pre-press processing (treatments, editing, proofs, printing plates, etc.)
 - Describe and distinguish between printing methods according to the printing machines and the requirements of print production
 - Describe the post-printing process and the binding of printed matters
 - distinguish the differences between basic principles and concepts relating to the process of reproducing a print
 - Identify workflows and the management of print production operations
 - Knows the procedures for measuring, determining, comparing and producing colors and inks using chromatic systems
 - Produce an artistically bound book
 - Evaluates product packaging and its characteristics
 - organize and plan a printing production
 - Cost estimation of a print production
 - Applies methods of standardization and quality control of a print run.

(2) LEARNING OUTCOMES

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>

With the successful completion of the Course Unit the student will have further developed the following general skills:

- Decision making
- Autonomous work
- Work in an interdisciplinary environment
- Project planning and management

(3) COURSE CONTENT

Course content

- Pre printing
- Printing
- Finishing
- Management of Graphic Arts business

(4) TEACHING METHODS--ASSESSMENT

<p>MODES OF DELIVERY <i>Face-to-face, in-class lecturing, distance teaching and distance learning etc.</i></p>	<p>DISTANCE LEARNING - Distance learning by conducting five Group Counselling Sessions (OSS) during the academic year on weekends.</p>	
<p>USE OF INFORMATION AND COMMUNICATION TECHNOLOGY <i>Use of ICT in teaching, Laboratory Education, Communication with students</i></p>	<p><i>Use of ICT in teaching, Communication with students</i> In the OSS and/or operations they are used: - remote meeting tools (cisco webex), - presentation software (powerpoint), - software specialised in the subjects being trained.</p> <p>In addition, students use office automation tools, web browsers and e-readers for digital books.</p>	
<p>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></p> <p><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></p>	<p>Activity/Method</p>	<p>Annual workload</p>
	ACTIVITIES	STUDY WORKLOAD
	5 OSS (meetings 4 hours each)	20
	Writing of Assignments (5 assignments x30 hours each)	150
	Study and analysis of the literature	100
	Final Thesis project	10
	Examinations	3
	Individual Study	280
	Total	560

<p style="text-align: center;">STUDENT PERFORMANCE EVALUATION/ASSESSMENT METHODS</p> <p><i>Detailed description of the evaluation procedures:</i></p> <p><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></p> <p><i>Specifically defined evaluation criteria are stated, as well as if and where they are accessible by the students.</i></p>	<p>Preparation of written assignments and projects during the academic year, the average of the grades of which contributes to the final grade of the thesis by 40%, if it is eligible for the final or repeat examinations. Final written examinations, the grade of which contributes 60% to the final grade of the subject.</p> <p>There are all the criteria posted, both in each written assignment (in the study) and in the general regulations https://www.eap.gr/education/study-regulations/</p> <p>Translated with www.DeepL.com/Translator (free version)</p>

SUGGESTED BIBLIOGRAPHY:

- *Suggested bibliography*
Graphic Arts Technology, Volume A Prepress
Graphic Arts Technology, Volume B Printing Methods
Graphic Arts Technology, Volume C Bookbinding-Packaging
Graphic Arts Technology, Volume D Graphic Arts Business Management
Kipphan Helmut, (2001) Handbook of Print Media, Springer Verlag, Berlin.

Additional supplementary digital material (and multimedia) can be found within the study platform wiki

- *Related scientific Journals:*
The International Association of Research Organizations for the Information, Media and Graphic Arts Industries <http://www.iarigai.com/>
IARIGAI - Journal of Print and Media Technology Research <https://iarigai.com/journal-of-print-and-media-technology-research-2-2022-2/>
Book of Graphic Arts <http://www.graphicarts.gr>
www.graphicanews.gr
GA online <http://gaonline.gr/>
Association of Materials & Packaging Manufacturing Industries <http://www.pac.gr/>
AllPack Hellas <https://www.allpackhellas.gr/>
Drupa <http://www.drupa.com>
Drupa Blog <https://blog.drupa.com/en/>
Smithers <https://www.smithers.com/home>
Print Week <http://www.printweek.com>
Packaging Impressions <http://www.packageprinting.com/>
The European Federation for Print & Digital Communication <http://www.intergraf.eu/>
Market Intelligence for Printing and Publishing <http://whattheythink.com/>
Print Planet <https://printplanet.com/>