

## COURSE OUTLINE

- **GENERAL**

<b>SCHOOL</b>	SCHOOL OF APPLIED ARTS & CULTURE		
<b>ACADEMIC UNIT</b>	DEPARTMENT OF GRAPHIC DESIGN & VISUAL COMMUNICATION		
<b>LEVEL OF STUDIES</b>	Undergraduate		
<b>COURSE CODE</b>	<b>N1-4090</b>	<b>SEMESTER</b>	<b>4th</b>
<b>COURSE TITLE</b>	<b>PREPRESS – PREMEDIA TECHNOLOGIES I</b>		
<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>
		4	6
<i>Add rows if necessary. The organization 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>	Special background and skills development		
<b>PREREQUISITE COURSES</b>			
<b>LANGUAGE OF INSTRUCTION and EXAMINATIONS</b>	GREEK		
<b>IS THE COURSE OFFERED TO ERASMUS STUDENTS?</b>	YES (in English)		
<b>COURSE WEBSITE (URL)</b>	<a href="https://eclass.uniwa.gr/courses/GD127/">https://eclass.uniwa.gr/courses/GD127/</a>		

- **LEARNING OUTCOMES**

<p><b>Learning outcomes</b></p> <p><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. 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>After the completion of the course the students will be able to:</p> <ul style="list-style-type: none"> <li>• Be knowledgeable in both traditional graphic arts techniques (such as fonts, mechanical trapping, and color separations), and strong computer skills with multiple devices software.</li> <li>• Be Capable of performing duties of several conventional prepress</li> <li>• To expand their skills and responsibilities as new technology growing and workflow techniques enhance prepress functions.</li> <li>• Use special tools (software) to produce print and digital media for different output</li> <li>• Use his theoretical knowledge to understand the prepress workflow</li> <li>• Develop critical and creative thinking about the use of new technologies and print rasterization, CTF or CTP</li> <li>• to apply his knowledge to create print and digital media</li> </ul>

<b>General Competences</b>	
<i>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?</i>	
Search for, analysis and synthesis of data and information, with the use of the necessary technology	Production of new research ideas
Adapting to new situations	Project planning and management
Decision-making environment	Respect for difference and multiculturalism
responsibility	Respect for the natural
Working independently	Showing social, professional and ethical
Team work	and sensitivity to gender issues
Working in an international environment	Criticism and self-criticism
thinking	Production of free, creative and inductive
Working in an interdisciplinary environment	Others...
<ul style="list-style-type: none"> <li>• Creative, analytical and inductive thinking.</li> <li>• Required for the creation of new scientific ideas.</li> <li>• Working independently.</li> <li>• Working in groups.</li> <li>• Decision making.</li> </ul>	

- **SYLLABUS**

<p><b>Theoretical Part</b></p> <p>The Course covers the fundamental principles and workflow of digital prepress. Analysis and file repair, color correction, trapping, color proofing, RIPs and screened separations. Structure of Digital Printed Products, Technological Capabilities, Digital Description of the Printed Page, Digital Screening Processes, Quality Requirements, Input and Output Resolution, Transferable Tonal Range, Dot Shape, Tone Value Influences in Printing, Color Management Profiles. Handling of text/images, planning, assembly, Proofing, print specifications, standardization, Computer-to-print and beyond.</p> <p><b>Laboratory Part</b> The educational purpose of the laboratory part includes exercises based on the theory mentioned above. particularly development of projects with the use of special software (Adobe Suite ) in specialized forms of printed products and advanced software functions for the successful processing of working</p>
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- **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>	Presentations and lectures using audiovisual media. Training on special software for Prepress and Premedia Technologies - Adobe Suite.	
	<b>Δραστηριότητα</b>	<b>Φόρτος Εργασίας</b>

<p><b>TEACHING METHODS</b></p> <p><i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.</i></p> <p><i>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</i></p>		<b>Εξαμήνου</b>
	Lectures	70
	Lab projects	80
	Course total	<b>150</b>
<p><b>STUDENT PERFORMANCE EVALUATION</b></p> <p><i>Description of the evaluation procedure, 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.</i></p> <p><i>Other specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i></p>	<p><b>Theoretical part</b></p> <p>Written Three hours final exam (100%) that includes:</p> <ul style="list-style-type: none"> <li>- Critical questions on issues related to course theoretical content.</li> </ul> <p><b>Laboratory part</b></p> <ul style="list-style-type: none"> <li>• Perform a series of tasks in the Prepress lab, in groups of two or three students.</li> <li>• Writing a technical report per assignment and student, with a presentation of the assignment and its presentation in the examination of the laboratory part.</li> </ul> <p><i>The evaluation criteria and the time schedule are posted from the start of the course at the UNIWA e-class website. All relevant information is explained in detail at the beginning, as well as, throughout the semester, during the weekly lectures. Upon request, all the information is provided using email.</i></p>	

• **ATTACHED BIBLIOGRAPHY**

<p><b>Greek sources</b></p> <ol style="list-style-type: none"> <li>1. Lectures notes in Prepress- Premedia Technologies I course</li> </ol> <p><b>International sources</b></p> <ol style="list-style-type: none"> <li>1. Kipphan, H . (2001). <i>Handbook of Print Media</i>, Springer, New York.</li> <li>2. Eschbach, R. (ed.)(1999) . <i>Recent Progress in Digital Halftoning II</i>, The Society for Imaging Science and Technology, Springfield (VA).</li> <li>3. Adobe Systems: <i>PostScript Language Reference Manual</i>. 3rd ed. Addison-Wesley 1999.</li> <li>4. Adobe Systems: <i>Portable document format reference manual (vers. 1.3)</i>. Adobe Systems, 1999 (see also <a href="http://partners.adobe.com">http://partners.adobe.com</a>).</li> <li>5. Bann, D.; Gargan, J.: <i>Colour Proof Correction</i>, Phaidon Press, Oxford, 1990.</li> <li>6. Parsons William, <i>Electronic Prepress: A Hands on Introduction</i>.</li> <li>7. Gavin Ambrose, Paul Harris, <i>Basic Design: Layout</i> AVA Publishing SA, DARTBOOKS 2006.</li> </ol>
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