

Updated On	2023/03/28																																
Curricular Year / Period	2022/23 / S2																																
Course	Communication Design																																
Curricular Unit	Desktop Publishing II																																
Language(s) of Instruction	Português English																																
ECTS/tempo de trabalho (horas)	<table border="1"> <thead> <tr> <th>ECTS</th><th>Total</th><th colspan="8">Horas de contacto semestral</th></tr> <tr> <th>6</th><th>160</th><th>T</th><th>TP</th><th>PL</th><th>S</th><th>TC</th><th>E</th><th>O</th><th>OT</th><th>EC</th></tr> </thead> <tbody> <tr> <td></td><td></td><td></td><td>60</td><td></td><td></td><td></td><td></td><td></td><td>20</td><td></td></tr> </tbody> </table> <p>T - Theoretical; TP - Theoretical and practical; LP - Laboratory Practice; S - Seminar; TG - Tutorial guidance; FW - Fieldwork; T - Training; ; EC - Clinical teaching; O* - Other hours typified as Clinical Training under the Directive 77/453/EEC of June 27, adapted by Directive 2005/36/EC.</p>	ECTS	Total	Horas de contacto semestral								6	160	T	TP	PL	S	TC	E	O	OT	EC				60						20	
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Teacher in charge (GDPR consent) [complete name, email]	Pedro Alexandre Santos Matos / pmatos@ipportalegre.pt																																
Other teachers (GDPR consent) [complete name, email]	Joaquim Elias Rijo Martins / joaquime@ipportalegre.pt																																
Prerequisites [Curricular Units that must precede and specific entry competences]	Attendance to Desktop Publishing I CU																																
Learning outcomes [Description of the overall and specific objectives] [Knowledge, skills and competences to be developed by students]	<p>Know the specific characteristics of bitmap images and their applications. Distinguish and correctly use different image file formats and their saving options. Distinguish different types of originals for reproduction. Recognize specific problems of originals to scan. Adapt scan options to the type of originals and reproduction aims. Adapt the screen viewing conditions of images to their reproduction conditions. Recognize specific problems of scanned images. To adjust and retouch correctly scanned images. Understand and explore different techniques of drawing and digital painting. Handle image montage and fusion tools. Handle color and mask channels. Handle conversion tools between image modes. Print and analyze printing proofs. Prepare and optimize images for display on screen.</p>																																
Syllabus	<p>Image resolution, color depth and color modes Image File Formats Screen calibration and color management Types of originals for reproduction Image scan techniques Image adjustment techniques Image retouching techniques</p> <p>Image selection and cropping Drawing and painting Montage with layers Image fusion and special effects Color channels and channel editing Preparation of images to display onscreen</p>																																
Teaching methodologies (including assessment) [Specify the types of assessment and the weights and evaluation criteria]	<p>1 - Teaching methodologies</p> <p>Tutorial presentation of desktop publishing tools complemented with lectures directly related to practice. Practical and laboratory work.</p>																																

	<p>Practical and written tests.</p> <p>2 - Period assessment</p> <ol style="list-style-type: none"> 1. Participation in practical and laboratory short works in classroom: 15%. 2. Longer practical and laboratory works proposed by the professor: 50%. 3. verification of practical skills with two practical tests: 15%. 4. Verification of theoretical knowledge about laboratory practices and technologies with two written tests: 20%. <p>3 - Examination assesement</p> <ol style="list-style-type: none"> 1. Conclusion or improvement of laboratory and practical works performed during the semester, to be delivered on the examination day: 80%. 2. Written test: 20%. <p>Total procedure duration: 3 hours.</p>
Bibliography	<p>1 - Main Bibliography</p> <ol style="list-style-type: none"> 1. ADOBE SYSTEMS, Electronic Publishing Guide, San Jose, Adobe Press, 1998 (at the library). 2. ADOBE SYSTEMS, Adobe Photoshop CS5 User Guide for Windows and Mac OS, 2010. 3. DALY, Tim, The Complete Guide to Digital Photography, Argentum, 2004. (Portuguese version at the library) 4. LOCASCIO, Ted, Mastering Photoshop Cs3 for Print Design and Production, Wiley Publishing, Inc., 2007. 5. Scanning application manuals. <p>2 - Complementary Bibliography</p> <ol style="list-style-type: none"> 1. FOTOLOOK, Reference Guide, Agfa-Gevaert N.V., 1994. 2. SHEPPARD, Rob, Beginner's Guide to Digital Imaging, Amherst Media, 2002. 3. Specialized magazines: Computer Arts, Publish, Print.
<p>Special Situations [Students with special status]</p>	<p>1 - Period assessment - Students with special status</p> <p>2 - Examination assesement - Students with special status</p>