

<b>Updated On</b>	2023/03/28																																
<b>Curricular Year / Period</b>	2022/23 / S1																																
<b>Course</b>	Communication Design																																
<b>Curricular Unit</b>	Desktop Publishing I																																
<b>Language(s) of Instruction</b>	Português Inglês																																
<b>ECTS/tempo de trabalho (horas)</b>	<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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6	160	T	TP	PL	S	TC	E	O	OT	EC																							
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<b>Teacher in charge (GDPR consent)</b> [complete name, email]	Pedro Alexandre Santos Matos / pmatos@ipportalegre.pt																																
<b>Prerequisites</b> [Curricular Units that must precede and specific entry competences]																																	
<b>Learning outcomes</b> [Description of the overall and specific objectives] [Knowledge, skills and competences to be developed by students]	<ul style="list-style-type: none"> <li>-- To understand the operating logic of the vector drawing and know its applications.</li> <li>-- To understand and explore the techniques and modes of representation in vector drawing.</li> <li>-- To manipulate the main vector drawing tools.</li> <li>-- To manipulate the main treatment tools, formatting and text effects.</li> <li>-- To know the work processes of editing in vector drawing</li> <li>-- To distinguish and correctly use the different vector drawing file formats and their saving options.</li> <li>-- To distinguish and correctly use the different file formats of digital typographic fonts.</li> <li>-- To know how to install, activate and remove digital typographic fonts.</li> <li>-- To distinguish and correctly use the different color systems depending on the specificity of the communication work.</li> </ul>																																
<b>Syllabus</b>	<p><b>VECTOR DRAWING</b></p> <ul style="list-style-type: none"> <li>-- Fundamentals of vector drawing</li> <li>-- Vector drawing / digital illustration applications</li> <li>-- Vector drawing techniques</li> <li>-- Conversion of bitmaps into vector drawings -- tracing</li> <li>-- Conversion of vector drawings into bitmaps -- rasterization</li> <li>-- Export and import of digital files</li> <li>-- Color systems and publishing media</li> </ul> <p><b>TEXT PROCESSING AND EDITING</b></p> <ul style="list-style-type: none"> <li>-- Text processing and editing techniques</li> <li>-- Text formatting tools</li> <li>-- Special effects tools with text</li> <li>-- Scanning and text processing</li> <li>-- Digital typographic font file formats</li> <li>-- Installation, activation and removal of digital typographic fonts</li> </ul>																																
<b>Teaching methodologies (including assessment)</b> [Specify the types of assessment and the weights and evaluation criteria]	<p><b>1 - Teaching methodologies</b></p> <ul style="list-style-type: none"> <li>-- Tutorial presentation of Desktop Publising tools complemented with theoretical classes directly related to practice.</li> <li>-- Laboratory works.</li> <li>-- Practical tests.</li> <li>-- Written tests.</li> </ul> <p><b>2 - Period assessment</b></p> <p>1. Participation in practical and laboratory short works in classroom: 15%.</p>																																

	<p>2. Longer practical and laboratory works proposed by the professor: 45%.</p> <p>3. Verification of practical skills with two practical tests: 20%.</p> <p>4. Verification of theoretical knowledge about laboratory practices and technologies with two written tests: 20%.</p> <p><b>3 - Examination assesement</b></p> <p>1. Conclusion or improvement of laboratory and practical works performed during the semester, to be delivered on the examination day: 80%.</p> <p>2. Written test: 20%.</p> <p>Total procedure duration: 3 hours.</p>
<b>Bibliography</b>	<p><b>1 - Main Bibliography</b></p> <ol style="list-style-type: none"> <li>1. ADOBE SYSTEMS, Adobe Illustrator CS5 User Guide for Windows and Mac OS, 2010 (PDF)</li> <li>2. ADOBE SYSTEMS, Adobe Indesign CS5 User Guide for Windows and Mac OS, 2010 (PDF)</li> <li>3. APPLE, Advanced Typography with Mac OS X. Using and Managing Fonts. Technology Tour, Apple Computer, 2004 (PDF)</li> <li>4. EXTENSIS, Mac OS Font Management Best Practices Guide, Extensis, 2016 (PDF)</li> <li>5. CAPLIN, Steve e BANKS, Adam, The Complete Guide to Digital Illustration, 2003</li> <li>6. Manuais dos aplicativos de digitalização usados nas aulas</li> </ol> <p><b>2 - Complementary Bibliography</b></p> <ol style="list-style-type: none"> <li>1. NOGUEIRA, Mário Marcelo e ROCHA, Carlos de Sousa, Edição Eletrónica. Panorama das artes gráficas III, Lisboa, Plátano, 2001 (at the ESTG Library)</li> <li>2. OLSEN, Gary, Getting started in computer graphics, Cicinnati, North Light Books, 1989 (at the ESTG Library)</li> <li>3. PFIFFNER, Pamela e FRASER, Bruce, How Desktop Publishing works, Ziff-Davis Press, 1994 (at the ESTG Library)</li> <li>4. Specialized magazines: Computer Arts, Publish, Print (at the ESTG Library)</li> </ol>
<p><b>Special Situations</b></p> <p>[Students with special status]</p>	<p><b>1 - Period assessment - Students with special status</b></p> <p><b>2 - Examination assesement - Students with special status</b></p>