

Updated On	2023/09/12																																
Curricular Year / Period	2023/24 / S2																																
Course	Communication Design																																
Curricular Unit	Graphic Production II																																
Language(s) of Instruction	Português																																
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>30</td><td>30</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				30	30					20	
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Teacher in charge (GDPR consent) [complete name, email]	Pedro Alexandre Santos Matos / pmatos@ipportalegre.pt																																
Prerequisites [Curricular Units that must precede and specific entry competences]																																	
Learning outcomes [Description of the overall and specific objectives] [Knowledge, skills and competences to be developed by students]	<p>GENERAL OBJECTIVES</p> <ul style="list-style-type: none"> -- To master production methods and techniques that allow for increased productivity and quality of printed materials. -- To deepen the knowledge on print production processes, instruments, techniques and supports. -- To deepen the mastery on processes, instruments and techniques for preparing digital documents for printing. -- To develop capacities to adapt to the evolution of the means of production. -- To develop an intellectual and technical posture that brings students closer to professional reality. <p>SPECIFIC OBJECTIVES</p> <ul style="list-style-type: none"> -- To distinguish and characterize different types of finishings -- To know the techniques and tools for imposing print jobs, adapting them to different supports and production conditions -- To know and analyze the different types of proofs -- To know techniques, tools and work preparation processes with color management -- To know main techniques and tools for quality control in prepress and printing -- To know the different phases of the production processes and their implications in terms of processes and costs 																																
Sustainable Development Goals																																	
Syllabus	Printing Products and Finishings Folds and Imposition Printing Proofs Color Management Quality Control Paper Budgeting																																
Teaching methodologies (including assessment) [Specify the types of assessment and the weights and evaluation criteria]	<p>1 - Teaching methodologies</p> <ul style="list-style-type: none"> -- Tutorial presentation of prepress tools complemented with lectures directly related to practice. -- Practical and laboratory work. -- Practical and written tests. -- Analysis of printing products <p>2 - Period assessment</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: 55%.</p> <p>3. verification of practical skills with two practical tests: 10%.</p> <p>4. Verification of theoretical knowledge about laboratory practices and technologies with two written tests: 20%.</p> <p>3 - Examination assesement</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>
Bibliography	<p>1 - Main Bibliography</p> <p>1. ADOBE SYSTEMS, Adobe Creative Suite 5/5.5 Printing Guide, San Jose, Adobe, 2011 (PDF)</p> <p>2. ADOBE SYSTEMS, Color workflows for Adobe Creative Suite 3. A self help guide, San Jose, Adobe, 2007 (PDF)</p> <p>3. AMBROSE, Gavin e HARRIS, Paul, Impresión y acabados, Barcelona, Parramón, 2007</p> <p>4. FIELD G. Gary, Color and its reproduction. Fundamentals for the digital imaging and its printing industry, Pittsburgh, GATF Press, 2004 (at the library: 76 FLD)</p> <p>5. HINDERLITER, Hal, Understanding digital imposition, Pittsburgh, GATF Press, 1998 (at the library: 76 HND)</p> <p>6. JOHANSSON, Kaj, LUNDBERG, Peter e RYBERG, Robert, Manual de producción gráfica. Recetas, Barcelona, Gustavo Gili, 2004 (at the library: 76 JHN)</p> <p>2 - Complementary Bibliography</p> <p>1. APPLE, Colorsync in Mac OS X. Technology overview, 2003 (PDF)</p> <p>2. FAWCETT-TANG, Roger, Print and Production Finishes for Brochures and Catalogs, Rotovision, 2008</p> <p>3. FISHEL, Catharine, Mastering Materials, Bindings, and Finishes: The Art of Creative Production (Design Field Guide), Rockport, 2007</p> <p>4. FRASER, Bruce e outros, Real World. Color Management, Berkeley, Peachpit Press, 2005</p> <p>5. GRAIG, James, Production for the Graphic Designer, New York: Watson-Guption Publications, 1977 (Portuguese version at the library)</p> <p>6. BESTMANN, Günter e outros, Expert guide. Color management, Heidelberg 2003 (PDF)</p> <p>7. SAPPI, La fabricación de papel. De la madera al papel estucado, 2004 (PDF, English version online at Sappi's)</p> <p>8. User Manuals of Apps: Acrobat, Quite Imposing Plus 3</p> <p>9. Magazines: Publish, T&G (at the library), Intergráficas (at the library), Computer Arts</p>
Special Situations [Students with special status]	<p>1 - Period assessment - Students with special status</p> <p>2 - Examination assesement - Students with special status</p>