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**COURSE GUIDE:**  
**DIGITAL IMAGE RETOUCHING**  
**MULTIMEDIA AND DIGITAL ARTS DEGREE**

**Universidad Católica de Valencia**

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## TEACHING GUIDE SUBJECT AND / OR COURSE

		ECTS
<b>SUBJECT:</b> Digital image retouching		6
<b>Matter:</b> Digital image		12
<b>Module:</b> Graphic bases		30
<b>Type of learning:</b> OB	<b>Year:</b> 1º <b>Semestre:</b> 1º	
<b>Professor:</b> José María Lajara Romance	<b>Department:</b> Multimedia	
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## SUBJECT ORGANIZATION

Graphic bases				30 ECTS
<b>Duration and temporal location within the curriculum:</b>				
<b>Subjects and courses</b>				
Subject	ECTS	COURSES	ECTS	Course/ semester
<b>Digital image</b>	12	Digital image retouching	6	1/1
		Digital photography	6	2/1
<b>Graphics fundamentals</b>	12	Vector illustration basics	6	1/2
		Graphic expression	6	1/1
<b>Color</b>	6	History, theory and application of color	6	1/2

**TEACHING GUIDE SUBJECT AND / OR COURSE:**

DIGITAL IMAGE RETOUCHING

**PREREQUISITES: NONE****OBJECTIVES**

- 1- Acquire the fundamental notions about digital images, their environment, technique and peripherals, as well as know the terminology of digital image retouching tools.
- 2 - Acquire the ability to develop digital projects efficiently and resolutely.
- 3- To be able to manipulate digital images and to be able to make retouchings and mounts formal or creative.
- 4- To be able to prepare these images for use in printed media (printing, plotter) or audiovisual (tv, cannon, web)
5. Develop creativity. Acquire the critical sense to be able to carry out works and projects with the new digital tools



BASIC COMPETENCES				
	1	2	3	4
CB1 Students should have an Understanding of knowledge in an area of study that starts from the base of the general Secondary Education, and it is usually found at a level that although is supported by advanced textbooks it also includes some aspects that imply knowledge from the cutting edge of its field of study.		x		
CB2 Students should apply their knowledge to their work or vocation in a professional manner and should have the skills that are usually demonstrated through the elaboration and defense of arguments as well as the problem solving within their area of study.				x
CB3 Students should be capable to gather and interpret relevant data (usually within their area of study) in order to evaluate it that after a reflection on its relevant social impact, as well as scientific or ethical issues.		x		
CB4 Students should have the capacity of communicating information, ideas, problems and solutions to a specialized and non-specialized public.			x	
CB5 Students should develop the required learning skills to undertake further studies with a high degree of autonomy.				x



GENERAL COMPETENCES	Competence measuring scale			
	1	2	3	4
01 Capacity for analysis and synthesis			x	
02 Capacity to organize and plan		x		
05 Computer Skills for the scope of study				x
07 Troubleshooting				x
09 Decision-making		x		
15 Ethical commitment				x
16 Capacity to take responsibilities			x	
17 Capacity for self-criticism			x	
18 Autonomous learning and motivation for learning throughout their working lives				x
19 Adjustment to new situations			x	
20 Creativity. Capacity to generate new ideas.				x
22 Capacity for collaborating with other professions, and especially with professionals from other fields. Identify the appropriate professionals capable of developing creative work.				x
24 initiative and entrepreneurship			x	
25 Concern (motivation) for quality				x
32 Being capable to teach or train at basic levels and to spread ideas. To apply for teaching positions in the different educational levels. Designing, preparing and teaching courses related to Multimedia and Digital Arts, aimed at professionals, companies and public administration.			x	



SPECIFIC COMPETENCES <sup>2</sup>				
	1	2	3	4
E2 Artistic sensitivity. To be able to develop the ability to appreciate beauty in different forms and artistic creations, applying aesthetic principles and fostering creativity as well as multidisciplinary innovation.			x	
E3 Knowledge of specific methods of production and especially digital art techniques to apply to the world of communication, in addition to looking for new media.			x	
E4 Developing the skills focus on illustration traditional techniques and procedures as well as the digital techniques for the creation and development of graphics, images, symbols, text, layout of publications and product packaging.		x		
E5 Develop the capacity to organize, classify and index all files and materials used in the development of the project, creating documents for the appropriate preservation or consultation. And the subsequent ability to search and retrieve that information.		x		
E8 Capacity to organize and process information that later will be included in the project.		x		
E10 Capacity to translate creative ideas so that it is possible to transmit them in digital format.		x		
E13 Capacity to contribute to the contemporary debate about the arts and digital media practices.		x		
E18 Knowing, appreciating and understanding the ethical obligations of the multimedia creation professionals and the implications of these when performing their work.		x		
E19 Comprehensive understanding of the media and artistic practices and the importance of their relationship within their social, economic and cultural context.		x		

<sup>2</sup> Seguir correlativamente con la anterior numeración. Las competencias específicas se ponderan de 1 a 4 siguiendo el mismo criterio que con las transversales.



LEARNING OUTCOMES <sup>3</sup>	COMPETENCES
<b>R-1</b> Knowledge of the history of photography including digital side and understanding the of digital image retouching	<b>CB:</b> 1,2,3,4,5 <b>CG:</b> 1,2, 5, 7, 8,15, 16,17,18,19, 20, 22, 24, 25, 32, <b>CE:</b> 2,3,4,5,8,10,13,18,19
<b>R-2</b> Domain of computer applications related to digital image retouching.	<b>CB:</b> 1,2,3,4,5 <b>CG:</b> 1,2, 5, 7, 8,15, 16,17,18,19, 20, 22, 24, 25, 32, <b>CE:</b> 2,3,4,5,8,10,13,18,19,



CLASSROOM WORK TRAINING ACTIVITIES			
ACTIVITY	Teaching-Learning methodology	Relationship with Learning Outcomes for the subject	ECTS <sup>4</sup>
ON-CAMPUS CLASS	Teacher presentation of contents, analysis of competences, explanation and in-class display of skills, abilities and knowledge.	R1-R2	1
PRACTICAL CLASSES	Group work sessions supervised by the professor. Case studies, diagnostic tests, problems, field work, computer room, visits, data search, libraries, on-line, Internet, etc. Meaningful construction of knowledge through interaction and student activity.	R1-R2	1
LABORATORY	Activities in spaces with special equipment.		
SEMINAR	Supervised monographic sessions with shared participation		
WORK GROUP EXHIBITION	Application of interdisciplinary knowledge		

<sup>4</sup> The subject and / or material is organized in training PHYSICAL WORKING training activities and self study, students, with an estimated in ECTS. Proper distribution is as follows: 35-40% for Classroom Training Activities and 65-60% for freelance work. (For a course of 6 ECTS: 2.4 and 3.6 respectively).

The teaching-learning methodology described in this guide in a generic way, shape in the teaching units in which the course is organized and / or matter





TUTORING	Custom and small group attention. Period of instruction and / or guidance by a tutor to review and discuss the materials and topics presented en las clases, seminarios, lecturas, lecturas, realización de trabajos, etc.	R1-R2	0,25
EVALUATION	Set of oral and / or written used in initial, formative or summative evaluation of the student.	R1-R2	0,15
Total			(2,4*)

INDEPENDENT WORK ACTIVITIES			
ACTIVITY	Teaching-Learning Methodology	Relationship of Course with Learning Outcomes	ECTS
GROUP WORK	Group preparation of readings, essays, problem solving, seminars, papers, reports, etc. to be presented or submitted in theoretical lectures, practical and/or small-group tutoring sessions. (www.plataforma.ucv.es)		
INDEPENDENT WORK	Student study: Individual preparation of readings, essays, problem solving, seminars, papers, reports, etc.. to post or deliver the lectures, practical and / or small group tutoring. Work done on the platform of the university (www.plataforma.ucv.es)	R1-R2	3,6
Total			(3,6*)



SYSTEM FOR ASSESSING THE ACQUISITION OF THE COMPETENCES AND ASSESSMENT SYSTEM		
Assessment Tool	LEARNING OUTCOMES ASSESSED	Allocated Percentage
Attendance to practice sessions	R1-R2	10 %
Conducting theoretical and practical activities	R1-R2	30 %
Final Exam	R1-R2	60 %



You will have to take the exam in 1st and 2nd call at least half are approved to do with practical notes and assistance.

The grades for practical assistance in the first round will be saved for the exam of second call for averaging with this if not exceed the first review.

Works presented out of term will not be admitted.

According to the assessment policy of the UCV it is established by article 8 that any student who has a lower subject attendance of the 50% will not be able to take the first exam call. It will be considered as class absence the justified and unjustified ones.

Those students that have informed the professor in advance about their personal situation and it is considered by the professor a justified absence due to working reasons, overlapping subjects, serious illness, second exam calls, etc. will be excluded of this rule and will have the express permission of the professor to take the first call exam. To be excluded from the abovementioned rule it is absolutely indispensable to inform the professor at the beginning of the semestre and to accept the assessment process that the professor establishes and considers more appropriate for every special case. Under no circumstances the student can appeal these situations to break the rule at the end of the semestre.

Furthermore, the professor can establish as absence the repeated delayed attendance, the lack of attention in class as well as the forbidden use of mobile phones, the lack of participation in class, etc. All the previously mentioned reasons can be considered as breaking the rule and therefore taken into account in order not to be allowed to take the first call exam and to penalize the established percentage on class participation and attendance.

The above mentioned rule affects both the assessment percentage on class attendance and class participation as well as the evaluation of class projects and case studies that have their own assessment percentage which are all included and explained in the present course guide.

The use of artificial intelligence to carry out digital practices will always be carried out in consultation with the teacher, who is the one who indicates what can be worked on and done with this technology.

Its use, if allowed, will be described in the statement of the practice or set by the teacher in class.

In no case can a work carried out entirely with this technique or present any practice be presented without prior consultation with the teacher. If this occurs, it will be considered a very serious offense and all the practices of the subject will be suspended.

#### **MENTION OF DISTINCTION:**

The mention of Distinction will be awarded to students who have achieved a score equal to or greater than 9.0. The number of Distinctions granted will not exceed 5% of students enrolled in a subject in the corresponding academic year unless enrollment is under 20, in which case only one Distinction may be granted. (Royal Decree 1125/2003).



DESCRIPTION OF CONTENTS
Introduction to digital image retouching
Selection Tools
Light: Levels, settings, brightness and contrast
Retouching and repair tools
Channels
Layers
Transformation of images
Layer mask.
Superimposing and blending images
Tool IA
Filters and Progressive Effects
Text: text layers, text mask
Actions and preset Tools
Image formats
Scan, Import, and Export Documents
Resolution



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ORGANIZACIÓN TEMPORAL DEL APRENDIZAJE (Alumnos de primera matrícula):		
	BLOQUE DE CONTENIDO/UNIDAD DIDÁCTICA	Nº DE SESIONES
1	Introduction to Photoshop	1
2	Selection Tools	3
3	Light: Levels, settings, brightness and contrast	1
4	Retouching and repair tools	3
5	Channels	1
6	Layers	3
7	Transformation of images	1
8	Layer mask	2
9	Tool IA	1
10	Filters and progressive effects	2
11	Text: text layers, text mask	1
12	Superpousing and blending images	5
13	Actions and preset Tools	1
14	Image formats	1
15	Scan, Import, and Export Documents	1
16	Resolution	1



## BBIBLIOGRAPHY

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85 Briliants Photoshop Tutorials. Recuperado de <http://www.creativebloq.com/graphic-design-tips/photoshop-tutorials-1232677>

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Fs Stoppers, Photoshop. Recuperado de <https://fstoppers.com/photoshop/how-remove-fence-using-photoshop-582133>

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Tutoriales de Photoshop de Oscar Abad. Recuperado de <http://www.oscarabad.com/photoshop-y-los-27-modos-de-fusion-de-capa-la-guia-definitiva/>

Tutoriales de Phtoshop de Graffica. Recuperado de <https://graffica.info/como-crear-pelo-en-photoshop/>

**TEACHING OF THE SUBJECT ON SECOND AND SUBSEQUENT ENROLLMENT:**

There will be a group for students who are not of first registration and a teacher in charge of that group.

This group will be a number set by the UCV of monitoring and tutoring sessions (February 6 hours each) in which to reinforce the work on skills that students need to acquire group to pass the course.

These sessions are included in the attached schedule

<b>TEMPORAL ORGANIZATION OF LEARNING (Students of second or successive enrollments):</b>		
	<b>BLOCK CONTENT / TEACHING UNIT</b>	<b>SESSIONS</b>
<b>1</b>	Editing images at the global level	<b>1</b>
<b>2</b>	Selection and retouching tools and modes	<b>2</b>
<b>3</b>	Sense, operation and types of layers	<b>2</b>
<b>4</b>	Resolution	<b>1</b>