

Course Unit	Photography Laboratory			Field of study	Audiovisuals and Media Production																		
Bachelor in	Multimedia			School	School of Public Management, Communication and Tourism																		
Academic Year	2023/2024	Year of study	1	Level	1-1	ECTS credits	6.0																
Type	Semestral	Semester	1	Code	9213-656-1105-00-23																		
Workload (hours)	162	Contact hours	<table border="1"> <tr> <td>T</td><td>-</td><td>TP</td><td>60</td><td>PL</td><td>-</td><td>TC</td><td>-</td><td>S</td><td>-</td><td>E</td><td>-</td><td>OT</td><td>-</td><td>O</td><td>-</td> </tr> </table>					T	-	TP	60	PL	-	TC	-	S	-	E	-	OT	-	O	-
T	-	TP	60	PL	-	TC	-	S	-	E	-	OT	-	O	-								

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s) Ana Lucia Jesus Pinto

Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:

1. Understand the technical and conceptual foundations of photography from the point of view of image creation, composing, capturing and editing photographic images.
2. Analyze themes, concepts, compositional schemes and techniques presented in images with different formats and functions.
3. Recognize and use concepts of visual language involved in the design of photographic images, their compositional rules, and photographic principles.
4. Recognize and employ the fundamental technical concepts in the capture and digital editing of photographic images.
5. Acquire and apply knowledge related to photographic image editing, using specific software(Adobe Lightroom).

Prerequisites

Before the course unit the learner is expected to be able to:
Not applicable

Course contents

The origins of photography and its historical evolution. Fundamental concepts - perceptive, cognitive and semantic - summoned for the creation of images in the context of photography. Technical and technological framework for photographic image capture. Themes, genres in photography and their authors. Digital techniques on photographic image editing.

Course contents (extended version)

1. Origins and historical evolution of photography: landmarks and main authors of this course.
2. Photography visual fundamentals: composition, framing, point of view, color, light and scale.
3. Authors, genres, photographic storytelling and photography in art.
4. Technical and technological framework for photographic image capture.
5. Technical concepts: shutter speed; aperture; ISO; depth of field and focal length.
6. The camera: different lens typologies, their characteristics and application contexts.
7. Studio photography and lighting systems.
8. Digital techniques of photographic image edition: fundamental concepts of digital photography.
9. Image resolution and compression; photo editing and manipulation.
10. Computer images organization; digital image editing software; production and printing.

Recommended reading

1. Adams, Ansel (1995). Camera. Little, Brown & Company. 9780821221846
2. Barthes, Roland (2007). A câmara clara. Edições 70. 9789724413495
3. Barnbaum, Bruce. (2010). The Art of Photography 2nd edition: A Personal Approach to Artistic Expression. Rocky Nook. 1681982102
4. Andrews, Philip, Langford, Michael (2015). Langford's starting photography: the guide to creating great images, Routledge, 978-1138842236
5. Shore, Stephen (2007). The nature of photopgraphs, Phaidon, 9780714859040

Teaching and learning methods

The assessment is based on theoretical and hands-on approaches. Theoretical sessions deal with syllabus that will be summoned and operationalized in the hands-on approach sessions in which the conceptual and technical processes, as well as the methodologies and strategies employed, are valued. Non-presence hours presuppose an active attitude of the students. The assessment is distributed.

Assessment methods

1. Final assessment - (Regular, Student Worker) (Final, Supplementary, Special)
 - Practical Work - 45% (Hands-on exercises(minimum grade:7/20)). See additional document on assessment on the UC virtual tab)
 - Projects - 25% (Final project (minimum grade:7/20).See additional document on assessment on the UC virtual tab)
 - Practical Work - 10% ("Machine in hand" hands-on-approach exercise)
 - Intermediate Written Test - 20% (Written final test (minimum grade:7/20))
2. Mobility students - Final assessment - (Regular) (Final, Supplementary, Special)
 - Practical Work - 45% (Hands-on exercises(minimum grade:7/20)). See additional document on assessment on the UC virtual tab)
 - Projects - 25% (Final project (minimum grade:7/20).See additional document on assessment on the UC virtual tab)
 - Practical Work - 10% ("Machine in hand" hands-on-approach exercise)
 - Intermediate Written Test - 20% (Written final test (minimum grade:7/20))

Language of instruction

1. Portuguese
2. English

Electronic validation

Ana Lucia Jesus Pinto	Arlindo Costa dos Santos	Barbara Costa Vilas Boas Barroso	Luisa Margarida Barata Lopes
15-10-2023	15-10-2023	13-11-2023	11-12-2023