

Course Unit	Photography Laboratory		Field of study	Audiovisuals and Media Production	
Bachelor in	Multimedia		School	School of Public Management, Communication and Tourism	
Academic Year	2022/2023	Year of study	1	Level	1-1
Type	Semestral	Semester	1	ECTS credits	6.0
Code	9213-656-1105-00-22				
Workload (hours)	162	Contact hours	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. Recognize and use concepts of visual language involved in the design of photographic images and their compositional rules and photographic principles.
3. Analyze themes, concepts, compositional schemes and techniques presented in images with different formats and functions.
4. Recognize and employ the fundamental technical concepts mobilized in the capture and digital editing of the photographic images.
5. Acquire and apply knowledge related to photographic image editing, using specific software(Adobe Lightroom e Photoshop).

#### 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. Technical and technological framework for photographic image capture.
4. The camera: different lens typologies, their characteristics and application contexts.
5. Technical concepts: shutter speed; aperture; ISO; depth of field and focal length.
6. Photography authors, themes and genres(photojournalism; portrait; advertising; product; architecture).
7. Photography as a social document, narrative and as an artistic expression, as well.
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. Newhall, Beaumont (2010) The History Of Photography. 0870703811,

#### Teaching and learning methods

The assessment is based on theoretical and hands-on approaches. Theoretical sessions deal with syllabus that will be summoned and instrumentalized 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. Distributed assesement - (Regular, Student Worker) (Final, Supplementary, Special)
  - Practical Work - 45% (Hands-on exercises and small projects (minimum grade of 8 points).)
  - Projects - 25% (Final project (minimum grade of 8 points))
  - Development Topics - 10% (Theoretical works)
  - Intermediate Written Test - 20% (Written midterm test (minimum grade of 8 points))
2. Mobility students - (Regular) (Supplementary, Special)
  - Practical Work - 45% (Hands-on exercises and small projects (minimum grade of 8 points).)
  - Projects - 25% (Final project (minimum grade of 8 points))
  - Development Topics - 10% (Theoretical works)
  - Final Written Exam - 20% (Written midterm test (minimum grade of 8 points))

#### Language of instruction

1. Portuguese
2. English

#### Electronic validation

Ana Lucia Jesus Pinto	Ana Lucia Jesus Pinto	Carlos Sousa Casimiro da Costa	Luisa Margarida Barata Lopes
07-10-2022	07-10-2022	12-10-2022	16-10-2022