

Course Unit	Light and Sound Techniques		Field of study	Visual Arts	
Bachelor in	Arts Recreation and Production		School	School of Education	
Academic Year	2023/2024	Year of study	1	Level	1-1
Type	Semestral	Semester	2	ECTS credits	5.0
Workload (hours)		135	Contact hours	T - TP 18 PL 20 TC - S - E - OT 16 O -	
Code: 9933-660-1204-00-23					

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) António José Santos Meireles

Learning outcomes and competences

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

1. Understand and manipulate sound and light equipment.
2. Acquire methods and working practices.
3. Know how to apply the design of light and sound to various types of spectacle.
4. Participate in the preparation of projects based on the knowledge acquired.

Prerequisites

Before the course unit the learner is expected to be able to:
Without pre-conditions

Course contents

1. Sound Design. 2. Lighting.

Course contents (extended version)

1. Sonoplastia.
 - Concept of sound design and concept of sound design in Performing Arts.
 - Techniques for capturing sound, mixing and use of audio components.
 - Function and installation of audio systems.
2. Lighting.
 - The use of light in Performing Arts.
 - Illumination equipment.
 - Composition and creation of lighting design.

Recommended reading

1. Castanheira, M., J. (2013). Cenografia. Lisboa, Caleidoscópio;
2. Woolf, R. C. & Block, D. (2014). Scene Design and Stage Lighting. Boston, Wadsworth;
3. Frazer, N. (2007). The Handbook of Stage Lighting. London, Crowood Press;
4. Kaye, D., Lebrechet, J. (2009). Sound and music for the theatre, Boston, Focal Press;
5. Keller, M. & Joannes, W. (2010). Light fantastic, Munique, Prestel.

Teaching and learning methods

Assistance and participation in the perspective of the light and sound technician, in the process of concrete assemblies on the basis of face-to-face assistance in the laboratory scenario of lighting and sound design, with direct intervention and manipulative contact as well as with the regular frequency of the theater stage, and production.

Assessment methods

1. CONTINUOUS ASSESSMENT - (Regular, Student Worker) (Final)
 - Practical Work - 60%
 - Intermediate Written Test - 40%
2. EXAM EVALUATION - (Regular, Student Worker) (Supplementary, Special)
 - Practical Work - 60% (nº 4 art. 7 Frequency and Evaluation Regulations - Classification obtained in Continuous Assessment)
 - Final Written Exam - 40%

Language of instruction

Portuguese, with additional English support for foreign students.

Electronic validation

António José Santos Meireles	Jacinta Helena Alves Lourenço Casimiro da Costa	António José Santos Meireles	Carlos Manuel Costa Teixeira
13-12-2023	13-12-2023	26-12-2023	11-02-2024