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| Course Unit | Serigraphy | | Field of study | Visual Arts/Design | |
| Bachelor in | Art and Design - Minor in Design | | School | School of Education | |
| Academic Year | 2023/2024 | Year of study | 2 | Level | 1-2 |
| Type | Semestral | Semester | 1 | Code | 9898-662-2106-00-23 |
| Workload (hours) | 135 | Contact hours | T - | TP 18 | PL 20 |
| | | | TC - | S - | E - |
| | | | OT 16 | 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) Jacinta Helena Alves Lourenço Casimiro da Costa

Learning outcomes and competences

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

1. Know the historical aspects of the technologies of printing and the serigraphic reproduction;
2. Know the systems of reproduction and serigraphic printing;
3. Know materials, tools and equipment specific to screen printing;
4. Acquire specific knowledge about silk-screen and offset printing systems;
5. Execute different projects of serigraphic and artistic reproduction, with using specific language, materials, tools and equipment;
6. Hold the theoretical and practical knowledge of the silkscreen printing system;
7. Reflect critically about printing projects from a technical and artistic perspective and self-evaluate the projects.

Prerequisites

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

Course contents

1. History of reproduction and printing: economic, cultural and social factors;
2. The processes of printing and manual and mechanical serigraphic reproduction;
3. Production of serigraphic matrices.

Course contents (extended version)

1. History of reproduction and printing: economic, cultural and social factors:
 - The beginnings of the press. Typography and the printing industry;
 - Current trends in graphic and artistic printing.
2. The processes of printing and manual and mechanical serigraphic reproduction:
 - Materials, equipment and tools;
 - Types of matrices, photoliths, media, recording methods;
 - The drawing, the series, the numbering and the identification of a graphic work.
3. Production of serigraphic matrices:
 - Direct and indirect methods;
 - Management, design and creation of graphic, printing and screen-printing projects.

Recommended reading

1. CATAFAL, J. & OLIVA, C. (2004). El grabado. Barcelona: Parramón Ediciones;
2. COSSU, M & DALQUIÉ, C. (2015). La serigrafía. Barcelona: Ed. Gustavo Gili;
3. HAMPSHIRE, M. , STEPHENSON, K. (2008). Papel, Opciones de manipulación y acabado para diseño gráfico. Barcelona: Ed. Gustavo Gili.
4. ROCHA, C. S. & NOGUEIRA, M. M. (1999). Panorâmica das Artes Gráficas – Volumes I e II. Lisboa: Plátano Edições Técnicas.
5. KOMURKI, Z. , BENDANDI, L. , DEMORATTI, D. (2018) Mestres da Serigrafia. Editorial Gustavo Gili. ISBN: 9788584521289

Teaching and learning methods

The UC is developed throughout the semester using the following methodologies: expositive / interrogative approach; study trips; technical demonstrations; experimentation; participatory / collaborative practice; problem solving; individual works; presentation, discussion and reflection on the theoretical-practical work.

Assessment methods

1. CONTINUOUS EVALUATION - (Regular, Student Worker) (Final)
 - Practical Work - 60%
 - Reports and Guides - 40% (Graphic diary)
2. EXAM EVALUATION - (Regular, Student Worker) (Supplementary, Special)
 - Reports and Guides - 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

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| Jacinta Helena Alves Lourenço Casimiro da Costa | Helena Maria Lopes Pires Genésio | António José Santos Meireles | Carlos Manuel Costa Teixeira |
| 19-02-2024 | 20-02-2024 | 21-02-2024 | 25-02-2024 |