Universidad Zaragoza

Year : 2019/20

25104 - Sculpture Techniques, Materials and Processes

Syllabus Information

Academic Year: 2019/20
Subject: 25104 - Sculpture Techniques, Materials and Processes
Faculty / School: 301 -

Degree: 278 - Degree in Fine Arts

ECTS: 6.0
Year: 1
Semester: First Four-month period
Subject Type: Compulsory
Module:

1.General information

1.1.Aims of the course

1.2.Context and importance of this course in the degree

1.3.Recommendations to take this course

2.Learning goals

2.1.Competences

2.2.Learning goals

2.3.Importance of learning goals

3.Assessment (1st and 2nd call)

3.1.Assessment tasks (description of tasks, marking system and assessment criteria)

4.Methodology, learning tasks, syllabus and resources

4.1.Methodological overview

The methodology followed in this course is oriented towards the achievement of the learning objectives. An active methodology is proposed to achieve both the objectives related to the acquisition of knowledge, as well as those related to the acquisition and / or development of skills and abilities.

It will focus on activities to be developed by the students according to established guidelines for each one of them. Each assignment will be carried out in the classroom-laboratory, following the following structural sequence:

1. Information
2. Proposal
3. Development
4. Analysis and synthesis of results

According to the proposed scheme, the teacher will introduce the students to the topics that will be subject to exercise providing the theoretical information for its understanding (referring to one or more of the contents established in this teaching guide). Then the teacher will explain the specific guidelines to be followed for the preparation of the assignment and will carry out the technical demonstrations to introduce the practical aspects. After that, the students will begin to carry out the exercise under the supervision of the teaching staff.

Other methodological strategies may involve short-term situations that occur throughout the course, that are detected

depending on the development of the course, or at the suggestion of the students.

4.2.Learning tasks

The course (15 four-hour sessions) includes the following learning tasks:

- **Introductory activities**. Course presentation including safety rules and personal protection in the Sculpture workshops.
- **Lectures**. Teacher's explanation of the contents associated with the practical activities.
- **Workshops**. Sessions for the development of skills preceded by the teacher's technical demonstrations.
- **Practice sessions**. Exercises in the classroom-workshop with supervision and group sharing.
- Case studies, commented readings. Analysis and critical reflection.
- **Group project.** choosing topic, design and planning, management, assembly, dissemination...
- Design, management and planning of the personal art-work.
- **Presentations**. Reports, portfolio. Reflections, comments, sharing, evaluation of the results, analysis-synthesis-exercise of self-criticism.

Materials and sculptural procedures are focused on the following exercises:

- Techniques of construction and assembly: approach to Cubist aesthetics, Constructivism and, above all, employment of this procedure in contemporary sculpture. The construction will be treated by planes or the use of two-dimensional elements as the basis of the spatial construction, the rigid constructive structure, twins, intersections, gluing systems. Concept of structure. Open or closed structure. Rhythm and articulation. Repetition and difference. Construction with pre-existing materials. Manufacture of objects from other objects. The materials that will be the axis of this activity will be metal and wood.
- Introduction to subtractive techniques and procedures: historical approach to the use of this procedure contemplating, especially, its use in contemporary sculpture. The block and the size, techniques and tools for carving, soft and hard materials, round, hollow and solid bulk, amplitude and function of surface finishes (textures), the color. The materials that will function as the axis of this activity will be expanded polystyrene and plaster.
- Introduction to reproduction techniques: approach to serial reproduction in contemporary sculpture and its different methods. The materials of transit and the definitive ones will be treated, materials for the elaboration of molds lost and reusable, serial work and repetitive sculptures, lost molds and reusable molds. The materials that will be the axis of this activity will be the plaster and the alginate.

4.3.Syllabus

The course will address the following topics:

- Section I. Introduction to subtractive techniques and procedures (expanded polystyrene and plaster)
- Section II. Construction and assembly techniques (wood and metal)
- Section III. Introduction to reproduction techniques (plaster, alginate, silicone, resins and waxes).

4.4.Course planning and calendar

The hour-load of Se*ction II. Construction and assembly techniques (wood and metal)* will be greater in relation to the other two sections that are part of the syllabus, being the workload of *Section I. Introduction to subtractive techniques and procedures (expanded polystyrene and plaster)* and *Section III. Introduction to the reproduction techniques (plaster and alginate)* equivalent.

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course, will be provided on the first day of class or please refer to the Faculty website.

4.5.Bibliography and recommended resources