

25864 - Aesthetics and the History of Design

Syllabus Information

Academic year: 2024/25

Subject: 25864 - Aesthetics and the History of Design

Faculty / School: 110 - Escuela de Ingeniería y Arquitectura

Degree: 330 - Complementos de formación Máster/Doctorado
558 - Bachelor's Degree in Industrial Design and Product Development Engineering

ECTS: 6.0

Year: 558 - Bachelor's Degree in Industrial Design and Product Development Engineering: 1

330 - Complementos de formación Máster/Doctorado: XX

Semester: First semester

Subject type: 330 - ENG/Complementos de Formación

558 - Compulsory

Module:

1. General information

This subject provides the theoretical and historical bases that explain the evolution and production of industrial design in the context of the evolution of society (technological advances and economic models), the visual arts and the mass media in the 19th, 20th and 21st centuries. This subject provides the humanistic contents of the design discipline complementing those of a more projectual and technical nature.

2. Learning results

- Analyze industrial design within its aesthetic, historical, and cultural context, differentiating form, function, and meaning.
- To remember, describe and value the different styles in which industrial design is inscribed. Nineteenth, twentieth and twenty-first centuries.
- To apply a method of analysis of industrial design that allows its knowledge and understanding at an aesthetic level, functional and meaning level.
- Use the specific technical vocabulary related to the contents of Aesthetics and History of Design
- Identify the most important designs and designers of the 19th, 20th and 21st centuries.
- Employ and handle bibliographic and visual sources in a coherent manner for subsequent application.
- Understand and value the development of the discipline of industrial design as a part of the culture in which it is embedded as well as its role in society.

3. Syllabus

Part One: Aesthetics of industrial design

1. Industrial design: Definition and methodology.

2. The industrial object

3. The formal aesthetics of the industrial object

Second part: The history of industrial design

4. The industrial revolution and the beginnings of industrial design.

5. The search for total art: Art Nouveau.

6. The first steps of industrial design.

7. Neoplasticism and constructivism.

8. The Bauhaus and Walter Gropius.

9. The consolidation of the modern movement.

10. Art Deco.

11. Industrial design in the United States in the interwar period.

12. Industrial design after World War 2

4. Academic activities

Lectures 45 h.

Oral expositions based on the presentation of contents by the teacher.

Problem solving: 15 h.

Analysis of design texts and products in working groups.

Special practices: 8 h.

Educational trip to museums or exhibitions outside the classroom.

Carrying out application or basic research work: 33 h.

Elaboration of a group work following the inverted class methodology.

Student guardianship: 1 h. per student

Study and personal work of the students: 46 h.

Preparation of individual and group work.

Assessment test: 2 h.

5. Assessment system

The subject will be evaluated by the continuous assessment system by means of the following activities:

- Written test: 50%. It will consist of two parts: one of theoretical contents (25%) with short questions and test type; and another of analysis of objects (25%) seen in class.
- Teamwork I (work with texts): 10 %
- Teamwork II (product design): 20 %
- Individual work I (object analysis): 10%
- Individual work II (work with texts): 10 %

General assessment criteria: understanding of concepts and knowledge; order, correct structuring, coherence and precision in the exposition; capacity for analysis and synthesis; capacity to apply theoretical knowledge; the mastery of the specific vocabulary; presentation and formal correctness.

For the average between the theoretical part and the practical part it is necessary to obtain a 5 (a 2.5) in the theoretical part. Those who do not reach will repeat the exam.

Global test: 1. Written test on the theoretical and practical contents of the subject (50%).

2.- Delivery of assignments (50 %)

2nd Call:

1. Written test on the theoretical and practical contents of the subject (50%).

2.- Delivery of assignments (50 %)

6. Sustainable Development Goals

4 - Quality Education

5 - Gender Equality