Eina Centre Universitari
Fundació Eina
Disseny Art Barcelona

Passeig Santa Eulàlia 25
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DIBUIX TECNIC

Albert Estruga Rey, Jordi Peraferrer Puigpelat

Supervising Teacher: Jordi Peraferrer Puigpelat

Group: 1,2,3,4
Code: 200638
Credits: 6 ECTS
Course: 1
Semester: 1
Typology: Fundamentals
Subject: Graphic Expression
Schedules:

Group	Schedules	Teacher
1	Dijous 08:30 - 10:00	Albert Estruga Rey
		Jordi Peraferrer Puigpelat
	Dimecres 09:00 - 11:00	Albert Estruga Rey
		Jordi Peraferrer Puigpelat
2	Dijous 10:30 - 12:00	Albert Estruga Rey
		Jordi Peraferrer Puigpelat
	Dimecres 11:30 - 13:30	Albert Estruga Rey
		Jordi Peraferrer Puigpelat
3	Dimarts 11:30 - 13:30	Jordi Peraferrer Puigpelat
	Divendres 10:30 - 12:00	Jordi Peraferrer Puigpelat
4	Dimarts 09:00 - 11:00	Jordi Peraferrer Puigpelat
	Divendres 08:30 - 10:00	Jordi Peraferrer Puigpelat

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Teaching Guide Index

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Subject Presentation

Brief Description:

During the learning process, the student must feel curious about everything around them, acquire a new way of looking, which, in addition to being technical and representative, must be reflective and evaluative about aspects such as stability, light or functionality and that are linked to other areas of knowledge such as physics, the history of art and architecture, photography, anthropometry or anthropology.

Training Objectives:

The objective of the subject is to provide the student with the tools, conventions and standards necessary to be able to draw the technical plan of an object or space to be built, so that everyone can understand it unequivocally.

Recommendations

No prior knowledge is required.

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Contents and Methodology

Brief Description:

1. Introduction to the dihedral system.
1. Concept of plan, elevation and section
2. Scale of a plan. Proportions
3. Paper format and dimension system: DIN standards
2. Hand drawing: sketches, topography, triangulations
3. Isometric axonometric perspective. Division. Shadows
4. Drawing of architectural spaces
1. Calculation and representation of a scale
2. What are exterior and interior enclosures like and how are they represented?
3. Representation of doors and windows ae:1/50
4. Furniture and circulation
5. Introduction to the project and representation of kitchens and bathrooms

Teaching methodology:

Types of exercises
1. Approach and resolution of an exercise in class:
seminar.
2. Set an exercise in class and solve it at home:
freelancers.
3. Set up and start an exercise in class and solve it at home:
Tutoring + independent work.
4. Exercise type 1, expanded with independent work:
Seminar + independent work.
5. Exercise type 3, expanded with independent work:
Tutoring + independent work.

Training activities:

Training activities
• Types of activities
• Approach and resolution of an exercise in class: seminar.
• Approaching an exercise in class and solving it at home: independent work.
• Approach and start of an exercise in class and resolution of it at home: Tutoring + independent work.
• Exercise type 1, expanded with independent work: Seminar + independent work.
• Exercise type 3, expanded with independent work: Tutorial + independent work.

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Evaluation

General evaluation regulations

A student will be considered "Not Assessable" (NA) if they have not submitted all the learning evidences or have not attended 80% of the classes without justifying their absences. In case of a justified absence, the student must contact the teacher at the time of rejoining to determine the recovery of the activities they missed.

If the student commits any irregularity that may lead to a significant variation in the grade of an evaluation act, that evaluation act will be graded with 0, regardless of the disciplinary process that may be initiated. If several irregularities occur in the evaluation acts of the same subject, the final grade for that subject will be 0.

Continuous evaluation system

The evaluation system of EINA and UAB is a continuous assessment system, the objective of which is for the student to know their academic progress throughout their educational process to allow them to improve it.
The continuous assessment process must include a minimum of three evaluative activities, of two different types, distributed throughout the course, none of which can represent more than 50% of the final grade.

• Assignments submitted after the deadline will have a penalty on the grade and may not exceed 30% of the total number of exercises for the course, unless there is a justified reason and must be submitted within a maximum period of two weeks. It is essential to submit all the exercises for the course in order to be able to grade the subject, otherwise the grade will not be assessable.

• The reassessment of the subject will consist of an exam where the student will be able to demonstrate the acquisition of essential knowledge of the subject syllabus. The teaching staff will decide who will be able to take the test.
Course evaluation criteria

• Skills in this subject will be assessed in the student's portfolio, taking into account the results of the work carried out, attendance, monitoring and active participation in joint seminar sessions, the student's progress and attitude.
• 2D representation block: 35%
• Hand-drawn sketchbook: 20%
• 3D representation block: 20%
• Architectural and product drawing pad: 15%
• Scale exam: 10%

Review process

The review can be requested from the teacher and will be carried out according to the schoolcalendar.

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Learning outcomes of the subject

Skills

Apply graphic design resources to the different phases of a design project. (ST04)

Report the results of measurements and geometrical analysis of spaces and objects using dimensions. (ST05

Competencies

Construct representations of three-dimensional spaces and simple volumes using the conventions of the dihedral system. (CT04)

Accurately calculate changes in graphic scale, applying mathematical methods and graphic design tools to adjust proportions and dimensions consistently with project requirements. (CT04)

Learning outcomes of the degree program

Skills

Identify design problems through the analysis of objects, graphic communication elements, and spaces, from a perspective rooted in contemporaneity, universal accessibility, and equal opportunities.

Apply plastic expression skills and knowledge of materials and production technologies in accordance with the objectives of a design project.

Propose design solutions (or solutions in related areas) clearly and precisely, using appropriate vocabulary and techniques of expression and representation.

Graphically represent spaces, volumes, planes, and surfaces using the characteristic techniques of design.

Use digital tools and technologies according to creative and production processes in the field of design

Adapt visual languages, media, and artistic techniques to the communicative goals of each design project.

Competencies

Propose creative, socially and environmentally sustainable design solutions, aligned with the Sustainable Development Goals (SDGs).

Apply acquired knowledge to the execution of design and art projects with professional standards, considering user and audience diversity.

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Bibliography and Resources

● Acebillo, Jose –Seetgman, Enric. Measures in architecture.
Barcelona: Gustavo Gili.

● Izquierdo Asensi, Fernando. Descriptive geometry.
Madrid: Dossat, 1982.

● Magazines specialized in architecture and design.