

Course guides

290603 - DIBI14 - Drawing

Last modified: 06/10/2020

Unit in charge: Vallès School of Architecture
Teaching unit: 752 - RA - Departamento de Representación Arquitectónica.
Degree: DEGREE IN ARCHITECTURE STUDIES (Syllabus 2014). (Compulsory subject).
Academic year: 2020 **ECTS Credits:** 6.0 **Languages:** Catalan

LECTURER

Coordinating lecturer: Bosch Folch, Guillem
Others: Moliner Nuño, Sandra

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:

EP17G. Adequate knowledge of methods for studying symbolisation processes, practical functions and ergonomics.
EP4G. The ability to conceive, execute and develop basic and detailed designs, sketches and drafts (T).
EAB1G. An aptitude for applying graphic skills to the representation of spaces and objects (T).
EAB2G. An aptitude for conceiving and representing the visual attributes of objects and mastering proportion and drawing techniques in general, including computer drawing techniques (T).
EAB6G. Adequate knowledge of graphic surveying techniques at all stages, from sketching to scientific restitution, applied to architecture and urbanism.

Generical:

CE2. Adequate knowledge of the history of architecture and architectural theories, as well as the arts, technological and human sciences associated with architecture.
CE3. Knowledge of fine art as a factor that may influence the quality of architectural design.

TEACHING METHODOLOGY

The theme of the course is developed through practical exercises that are solved in the classroom, and others at home. The purpose and terms of realization of each of these exercises is settled in a written statement complemented by lectures developed in class. (all this material will remain deposited in the Digital Campus ATENEA for consultation)

The approach of the exercises pays special attention to two aspects which are inherent to the function of drawing on one hand and to encourage the creativity of the student on the other, also responding to the need for a rigorous way to communicate graphically with the proposed solution, and the careful manual execution.

At the end of the course the student must have shown a pro-active attitude in learning and demonstrated that has acquired the competencies and skills that should enable him to continue and progress. Course content, exercises and lectures are arranged in a specific order, established to facilitate the acquisition of knowledge by the student. It is therefore important to hold the pace along the hole course, attend all classes and do all the exercises.



LEARNING OBJECTIVES OF THE SUBJECT

Make freehand sketches of volumes and architectural spaces.

Achieve design ideation skills and learn graphical conventions (dihedral, axonometrics, perspective) to understand space and make it understandable to others.

Know how to read distance and hierarchy. Line thickness and tonal values meaning and graphical conventions.

Knowing composition main concepts in architectural drawing. Balance, figure and text.

Using the appropriate technical vocabulary. Using appropriate drawing format and lettering, layout levels and measuring data.

Learn how responding questions in a written or oral presentation.

Learn to knowing how to self-organise a given task within a pre-set schedule.

STUDY LOAD

Type	Hours	Percentage
Hours large group	9,9	6.60
Hours small group	56,1	37.40
Self study	84,0	56.00

Total learning time: 150 h

CONTENTS

Syllabus

Description:

Introducing the student in graphic architectural language initiating him to graphic strategies, conventions and techniques of perception, ideation, representation and expression of space and form.

Specific objectives:

1. Learn to see. Perception, interpretation and representation.
2. Learn to communicate. Graphic strategies and conventions.
3. Learn to imagine. Envisioning processes and techniques.

Full-or-part-time: 66h

Theory classes: 10h

Laboratory classes: 56h

GRADING SYSTEM

Evaluation is continuous and constant. All exercises are evaluated once done, so students can always know the progress of their learning.



BIBLIOGRAPHY

Basic:

- Ching, Frank; Juroszek, Steven P; Castán, Santiago. Dibujo y proyecto. México [D.F.] ; Barcelona: Gustavo Gili, cop. 1999. ISBN 9688873659.
- Albers, Josef. La Interacción del color. Madrid: Alianza, 1979. ISBN 8420670014.
- Munari, Bruno. Diseño y comunicación visual : contribución a una metodología didáctica. Barcelona [etc.]: Gili, 1985. ISBN 8425212030.
- Itten, Johannes. Art de la couleur. Paris: Dessain et Tolra, [1981]. ISBN 2249250146.
- Kanizsa, Gaetano. Gramática de la visión : percepción y pensamiento. Barcelona [etc.]: Paidós, 1986. ISBN 9788475094229.
- Nicolaides, Kimon. The Natural way to draw : a working plan for art study. Boston: Houghton Mifflin, [1969?]. ISBN 0395530075.
- Edwards, Betty. Aprender a dibujar : un método garantizado. [Madrid]: Hermann Blume, [1984]. ISBN 8472142876.
- Arnheim, Rudolf. Arte y percepción visual : psicología del arte creador : nueva versión. Madrid: Alianza, 1979. ISBN 8420670030.