

Course guide

290628 - RPRARQIII1 - Architectural Representation of the Project

Last modified: 05/08/2024

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: 2024 **ECTS Credits:** 5.0 **Languages:** Catalan

LECTURER

Coordinating lecturer: JORDI DE GISPERT HERNÁNDEZ

Others: RUBEN GIMÉNEZ CASQUERO
MÍRIAM CABANAS BALLBÈ

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:

EAB10G. Adequate knowledge of basic topography, hypsometry and cartography and land modification techniques applied to architecture and urbanism.

EP4G. The ability to conceive, execute and develop basic and detailed designs, sketches and drafts (T).

Generical:

CE1. An aptitude for creating architectural projects that meet both aesthetic and technical demands.

CE3. Knowledge of fine art as a factor that may influence the quality of architectural design.

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

Know how to represent a project, in a persuasive way and suitable to your idea, both in its graphic and narrative techniques.

Communicate clearly the relationship between the project and its context, both in an urban or natural environment.

Customize the representations of landscape areas and depth values.

Differentiate the representation strategies of public and private built spaces.

Interpret the site in relation to the project.

Prepare diagrams, paths and additional schemes to explain the proposed projects.

Knowing paradigmatic drawings/representations in the history of Architecture and Urban Planning to develop continuous learning in representational issues.

STUDY LOAD

Type	Hours	Percentage
Hours large group	8,3	6.63
Self study	70,0	55.96
Hours small group	46,8	37.41

Total learning time: 125.1 h



CONTENTS

Syllabus

Description:

Communicate and represent the material representation with persuasive ability concerned with the proposal idea, with the suitable techniques and representational systems.

Full-or-part-time: 55h

Theory classes: 8h

Laboratory classes: 47h

GRADING SYSTEM

BIBLIOGRAPHY

Basic:

- Ching, Francis D. K. Manual de dibujo arquitectónico [on line]. 4a. Barcelona: Gustavo Gili, 2013 [Consultation: 25/10/2022]. Available on: <https://elibro.net/es/lc/upcatalunya/titulos/45603>. ISBN 9788425225659.
- Ching, Francis. Dibujo y proyecto [on line]. 2a. Barcelona: Gustavo Gili, 2012 [Consultation: 25/10/2022]. Available on: <https://web-s-ebshost-com.recursos.biblioteca.upc.edu/ehost/ebookviewer/ebook?sid=11131510-d798-47ea-842d-9e6db260f2da%40redis&vid=0&format=EB>. ISBN 9788425225079.
- Edwards, Betty. Nuevo aprender a dibujar con el lado derecho del cerebro : un curso que potencia la creatividad y la confianza creativa. 8a. Urano: Barcelona, 2000. ISBN 9788479533809.
- Thomas, Helen. Dessins d'architecture. Paris: Phaidon, 2019. ISBN 9780714878744.
- Delgado Yanes, Magali; Redondo Domínguez, Ernest. Dibujo a mano alzada para arquitectos. Barcelona: Parramón, 2004. ISBN 8434225492.

Complementary:

- Munari, Bruno. Diseño y comunicación visual : contribución a una metodología práctica [on line]. 8a. Barcelona: Gustavo Gili, 1985 [Consultation: 25/10/2022]. Available on: <https://elibro.net/es/lc/upcatalunya/titulos/45559>. ISBN 9788425212031.
- Queneau, Raymond. Ejercicios de estilo. 6a. Madrid: Cátedra, 1996. ISBN 9788437606750.
- Arnheim, Rudolf. Arte y percepción visual : psicología del arte creador : nueva versión. Madrid: Alianza, 1979. ISBN 9788420670034.
- Parramón, José Maria. Así se pinta con lápices de colores : los materiales, las técnicas, la teoría y la práctica del arte de pintar con lápices de colores. 6a. Barcelona: Parramón, 1996. ISBN 9788434209800.
- Parramon, José Maria. El gran libro de la acuarela. Barcelona: Parramón, 2008. ISBN 9788434203563.
- Scolari, Massimo. Oblique drawing : a history of anti-perspective. Cambridge: MIT Press, 2012. ISBN 9780262017749.
- Cook, Peter. Drawing : the motive force of architecture. Chichester: Wiley, 2008. ISBN 9780470034811.
- Pallasmaa, Juhani. La Mano que piensa : sabiduría existencial y corporal en la arquitectura [on line]. Barcelona: Gustavo Gili, 2012 [Consultation: 19/09/2024]. Available on: <https://ebookcentral-proquest-com.recursos.biblioteca.upc.edu/lib/upcatalunya-ebooks/detail.action?pq-origsite=primo&docID=3225827>.
- McGuire, Richard. Aquí. Barcelona: Salamandra Graphic, 2015. ISBN 9788416131167.
- Fullaondo Buigas de Dalmau, María. Colors of rhetoric : places of invention in the visual realm. Novato, Calif.: Applied Research and Design Publishing, 2022. ISBN 9781954081307.