



Course guide

210522 - PIO - Promise, Talent and Construction

Last modified: 15/09/2024

Unit in charge: Barcelona School of Architecture
Teaching unit: 735 - PA - Department of Architectural Design.
Degree: MASTER'S DEGREE IN ARCHITECTURE (Syllabus 2015). (Optional subject).
Academic year: 2024 **ECTS Credits:** 5.0 **Languages:** Spanish

LECTURER

Coordinating lecturer: ALBERTO PEÑIN LLOBELL
Others: Primer quadrimestre:
ALBERTO PEÑIN LLOBELL - M1

TEACHING METHODOLOGY

Translation to English:

The classes will consist of an expository part with a series of lessons related to the processes of architectural realization, and a seminar in which the student will develop their personal research.

The topics covered will focus on everything that influences the development of architecture, from the promise on paper to its final realization. Emphasis will be placed on the relationship with the other project stakeholders, especially engineers, in an approach that is scarcely studied at the university. Likewise, some of the practical aspects of the student's professional development, which they will imminently encounter, such as construction, contracts, or competitions, will be rigorously addressed.

LEARNING OBJECTIVES OF THE SUBJECT

To bring the imminent professional reality closer to the student from a critical and reflective perspective, providing tools to keep architectural objectives above the many influences to which the project is subjected.

STUDY LOAD

Type	Hours	Percentage
Hours large group	30,0	24.00
Self study	95,0	76.00

Total learning time: 125 h

CONTENTS

The architecture of the engineer

Description:
content english

Full-or-part-time: 1h
Theory classes: 1h



title english

Description:

content english

Full-or-part-time: 1h

Theory classes: 1h

The Paris engineers

Description:

content english

Full-or-part-time: 1h

Theory classes: 1h

Modern Times

Description:

content english

Full-or-part-time: 1h

Theory classes: 1h

The bridges of Architecture

Description:

content english

Full-or-part-time: 1h

Theory classes: 1h

title english

Description:

content english

Full-or-part-time: 1h

Theory classes: 1h

title english

Description:

content english

Full-or-part-time: 1h

Theory classes: 1h



title english

Description:

content english

Full-or-part-time: 1h

Theory classes: 1h

GRADING SYSTEM

EXAMINATION RULES.

Written and graphic work submission.

BIBLIOGRAPHY

Basic:

- Sennet R. The Craftsman. London: Penguin Books Limited,, 2009.
- Rice, P.. An engineer imagines.. London: Artemis, 1994.
- Fernández Ordóñez, JA. Pensar la Ingeniería. Antología de textos de José Antonio Fernández Ordóñez. Madrid: Dos Calles, 2009.
- Fernández Casado, C. La arquitectura del ingeniero.. Madrid: Alfaguara , 1975.
- Mock E. The Architecture of Bridges. New York: Museum of Modern Art, 1949.
- Simonet Cyrille. L'Architecture ou la fiction constructive. Paris: Les Éditions de la Passion, 2001.
- Banham, Reyner. The Architecture of the well-tempered environment. London: The Architectural Press, 1975.
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- Peñín Alberto. "Entrevista Javier Manterola". Palimpsesto.
- Español, Joaquim. Entre Técnica y Enigma. Entre Ambos, 2015.

Complementary:

- Balmond, Cecil. Informal. Munich: Prestel cop, 2002.
- Abalos y Herreros. Técnica y Arquitectura en la ciudad contemporánea. Madrid: Nerea, 1992.
- Kommendant August, . 18 años con el arquitecto Louis I.Kahn. A Coruña: COAG, 2000.
- Le Ricolais. Robert Le Ricolais, Visiones y paradojas. Madrid: COAM, 1999.
- Deswarte Sylvie, Lemoine Bertrand. L'architecture et les ingénieurs. Deux siècles de réalisations. Paris: Centre Pompidou, 1978.
- Simonnet Cyrille. Eléments pour une élucidation du rapport dessin-chantier. Mémoires EHESS, 1977.
- Archieri J.F, Levasseur. Prouvé, Cours du CNAM, 1957-1970 :essai de reconstitution du cours à partir des archives Jean Prouvé. Bruselas: Mardaga, 1990.
- Hernández de León, JM. "De la relación entre arquitectura e ingeniería". Palimpsesto.