



Course guide

210116 - CONST I - Construction I

Last modified: 16/02/2024

Unit in charge: Barcelona School of Architecture
Teaching unit: 753 - TA - Department of Architectural Technology.
Degree: DEGREE IN ARCHITECTURE STUDIES (Syllabus 2014). (Compulsory subject).
Academic year: 2023 **ECTS Credits:** 6.0 **Languages:** Catalan, Spanish

LECTURER

Coordinating lecturer: JORDI MORROS CARDONA - LARA SIERRA TRILLA - ESTEFANÍA MARTÍN GARCÍA

Others:

Primer quadrimestre:

ANDRÉS ECHARRI ALONSO - Grup: 1SM2

POL JORDÀ SALA - Grup: 1SM2

ESTEFANÍA MARTÍN GARCÍA - Grup: 1ST2

JORDI MORROS CARDONA - Grup: 1SM2

LUDOVICA ROSSI - Grup: 1ST2

LARA SIERRA TRILLA - Grup: 1ST2

Segon quadrimestre:

ANDRÉS ECHARRI ALONSO - Grup: 2SM4, Grup: 2ST1

ÀLEX GALLEGO URBANO - Grup: 2SM4

POL JORDÀ SALA - Grup: 2SM1

ESTEFANÍA MARTÍN GARCÍA - Grup: 2ST1

PAULA MARTÍN GOÑI - Grup: 2SM4

JORDI MORROS CARDONA - Grup: 2SM1

LUDOVICA ROSSI - Grup: 2ST1

LARA SIERRA TRILLA - Grup: 2ST1



DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:

ET15. Translation from Spanish slope
ET16. Translation from Spanish slope
ET2. Translation from Spanish slope
ET6. Translation from Spanish slope
ET7. Translation from Spanish slope
ET8. Translation from Spanish slope
EP19. Translation from Spanish slope
ET1. Translation from Spanish slope
ET10. Translation from Spanish slope
ET11. Translation from Spanish slope
ET12. Translation from Spanish slope
ET14. Translation from Spanish slope
ET17. Translation from Spanish slope
ET18. Translation from Spanish slope
ET19. Translation from Spanish slope
ET20. Translation from Spanish slope
ET21. Translation from Spanish slope
ET22. Translation from Spanish slope
ET3. Translation from Spanish slope
ET4. Translation from Spanish slope
ET5. Translation from Spanish slope
ET9. Translation from Spanish slope

Generical:

CG4. Translation from Spanish slope
CG5. Translation from Spanish slope
CG6. Translation from Spanish slope
CG7. Translation from Spanish slope
CG3. Translation from Spanish slope

Transversal:

CT1. Translation from Spanish slope
CT2. Translation from Spanish slope
CT3. Translation from Spanish slope
CT4. Translation from Spanish slope
CT5. Translation from Spanish slope
CT6. Translation from Spanish slope

Basic:

CB1. Translation from Spanish slope
CB2. Translation from Spanish slope
CB3. Translation from Spanish slope
CB4. Translation from Spanish slope
CB5. Translation from Spanish slope

TEACHING METHODOLOGY

Go to catalan or spanish version.

LEARNING OBJECTIVES OF THE SUBJECT

Go to catalan or spanish version.



STUDY LOAD

Type	Hours	Percentage
Hours medium group	32,0	21.33
Hours large group	22,0	14.67
Self study	84,0	56.00
Guided activities	12,0	8.00

Total learning time: 150 h

CONTENTS

title english

Description:

content english

Full-or-part-time: 5h

Theory classes: 2h

Laboratory classes: 3h

GRADING SYSTEM

Go to catalan or spanish version.

BIBLIOGRAPHY

Basic:

- González Barroso, José María. Dels elements de construcció i el projecte. Comentaris sobre 18 casos d'estudi [on line]. Barcelona: Iniciativa Digital Politècnica, 2018 [Consultation: 07/10/2020]. Available on: <http://hdl.handle.net/2117/119926>. ISBN 9788498807103.
- Schmitt, Heinrich; Heene, Andreas. Tratado de construcción. Barcelona: Gustavo Gili, 2009. ISBN 8425217296.
- Beinhauer, Peter. Atlas de detalles constructivos: con más de 400 ejemplos. Barcelona: Gustavo Gili, 2006. ISBN 9788425220579.
- Ching, Frank; Adams, Cassandra. Guía de construcción ilustrada. 3ª ed. México: Limusa, 2004. ISBN 9681862929.
- Deplazes, Andrea. Constructing architecture: materials, processes, structures : a handbook. 2nd ext. Basel: Birkhäuser, 2008. ISBN 3764371897.
- Paricio, Ignacio. La construcció de l'arquitectura. Vol. 1: Les tècniques. 3ª ed. rev. Barcelona: Institut de Tecnologia de la Construcció de Catalunya, 1995-1996. ISBN 8478532927.
- Paricio, Ignacio. La construcció de l'arquitectura. Vol. 2: Els elements. 3ª. Barcelona: Institut de Tecnologia de la Construcció de Catalunya, 1995-1996. ISBN 8478532943.

RESOURCES

Other resources:

The materials and documents of the subject may be written indistinctly in any languages of instruction.