

Course guides

210210 - CII - Industrialized Construction and Innovation

Last modified: 18/06/2020

Unit in charge: Barcelona School of Architecture
Teaching unit: 753 - TA - Department of Architectural Technology.

Degree: DEGREE IN ARCHITECTURE (Syllabus 2010). (Optional subject).
 DEGREE IN ARCHITECTURE STUDIES (Syllabus 2014). (Optional subject).

Academic year: 2020 **ECTS Credits:** 3.0 **Languages:** Spanish

LECTURER

Coordinating lecturer: JOSE MARIA GONZALEZ BARROSO

Others: Primer quadrimestre:
 JOSE MARIA GONZALEZ BARROSO - 131

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:
 ET16. Translation from Spanish slope
 EP19. Translation from Spanish slope

Transversal:
 CT1. Translation from Spanish slope
 CT2. 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
Self study	42,0	56.00
Hours large group	33,0	44.00

Total learning time: 75 h

CONTENTS

Go to catalan or spanish version.

Description:

Go to catalan or spanish version.

Full-or-part-time: 8h 20m

Theory classes: 3h 40m

Self study : 4h 40m

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GRADING SYSTEM

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BIBLIOGRAPHY

Basic:

- Vezzoli, Carlo; Manzini, Ezio. Design per la sostenibilità ambientale. Bologna: Zanichelli editori, 2007. ISBN 9788808167446.
- Staib, Gerald. Components and systems: modular construction, design, structure, new technologies. Basel ; Boston: Birkhäuser, 2008. ISBN 9783764386566.
- Smith, Ryan E. Prefab architecture: a guide to modular design and construction. Hoboken, N.J: Wiley, 2010. ISBN 9780470275610.
- Sebestyén, Gyul. New architecture and technology. Oxford [etc.]: Architectural Press, 2003. ISBN 0750651644.
- Escorsa, Pere; Valls, Jaume. Tecnología e innovación en la empresa [on line]. 2ª ed. ampl. Barcelona: Edicions UPC, 2003 [Consultation: 05/05/2015]. Available on: <http://hdl.handle.net/2099.3/36718>. ISBN 8483017067.

Complementary:

- New perspective in industrialisation in construction: a state-of-the-art report [on line]. Zurich: ETH Zurich, 2009 [Consultation: 11/05/2020]. Available on: http://site.cibworld.nl/dl/publications/tg57_pub329.pdf. ISBN 9783906800172.