

Course guide

210759 - EEI - Integrated Exterior Cladding

Last modified: 15/07/2024

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

Degree: MASTER'S DEGREE IN ADVANCED STUDIES IN ARCHITECTURE-BARCELONA (Syllabus 2015). (Optional subject).

Academic year: 2024 **ECTS Credits:** 5.0 **Languages:** Spanish

LECTURER

Coordinating lecturer: CRISTINA PARDAL MARCH

Others: Segon quadrimestre:
ENRIQUE CORBAT DIAZ - ITA2
CRISTINA PARDAL MARCH - ITA2

TEACHING METHODOLOGY

Go to Spanish or Catalan version.

LEARNING OBJECTIVES OF THE SUBJECT

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STUDY LOAD

Type	Hours	Percentage
Self study	87,5	70.00
Hours large group	37,5	30.00

Total learning time: 125 h

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the english title

Description:

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Specific objectives:

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Full-or-part-time: 125h

Theory classes: 15h

Laboratory classes: 30h

Self study : 80h



GRADING SYSTEM

Go to Spanish or Catalan version.

BIBLIOGRAPHY

Basic:

- Herzog, T.; Krippner, R.; Lang, H. Façade construction manual [on line]. Basel, etc: Birkhäuser, 2004 [Consultation: 12/05/2020]. Available on: <https://doi.org/10.11129/detail.9783034614566>. ISBN 3764371099.
- Roof construction manual: pitched roofs [on line]. Basel, etc.: Birkhäuser, 2003 [Consultation: 12/05/2020]. Available on: <https://doi.org/10.11129/detail.9783034615631>. ISBN 3764369868.
- Dry Construction: details, principles, examples. Basel; Munich: Birkhäuser; Detail, 2008. ISBN 9783764388089.
- Serra, R. Arquitectura y climas [on line]. Barcelona; México DF: Gustavo Gili, 1999 [Consultation: 12/05/2020]. Available on: <https://ebookcentral.proquest.com/lib/upcatalunya-ebooks/detail.action?docID=3209537>. ISBN 8425217679.
- Banham, R. The architecture of the well-tempered environment. London: The Architectural Press, 1969.

Complementary:

- Rice, P. An Engineer Imagines. London, etc.: Artemis, 1994. ISBN 1874056218.
- Abalos, I.; Herreros, J. Técnica y Arquitectura en la ciudad contemporánea, 1995-2000. 3ª ed. Madrid: Nerea, 2000. ISBN 8486763746.
- Paricio, I. La piel ligera: maduración de una técnica constructiva. Barcelona: Grupo Folcrá Edificación; Actar, 2010. ISBN 9788492861392.
- Parda, C.; Paricio, I. La fachada ventilada y ligera. Barcelona: Bisagra, 2006. ISBN 8493132055.
- Addis, W. Building: 3000 years of design, engineering and construction. London: Phaidon, 2007. ISBN 9780714841465.
- Vera, R. Temas de Construcción. Alicante: Club Universitario, 2001. ISBN 8484540545.
- Constructing architecture: materials, processes, structures : a handbook. 3rd ed.. Basel, etc.: Birkhäuser, 2013. ISBN 9783038214526.