



Course guide

210753 - MEAI - Advanced and Innovative Structural Materials

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:

Others:

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

CONTENTS

Innovative materials: timber, FRP,m Glass

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:

- Arriaga Martitegui, Francisco. Intervención en estructuras de madera. Madrid: AITIM, 2002. ISBN 8487381243.
- Estructuras de madera. Madrid: AITIM, 2013-2015 (2 vols.). ISBN 9788487381430.

Complementary:

- Cassinello Pérez, Fernando. Construcción : carpintería. Madrid: Rueda, 1973. ISBN 8472070069.

RESOURCES

Other resources:

Intranet:

<https://atenea.upc.edu/moodle/login/index>