

Construction Seminars (250724)

General information

School:	ETSECCPB
Departments:	751 - Departament d'Enginyeria Civil i Ambiental, 758 - Departament d'Enginyeria de Projectes i de la Construcció
Credits:	2.5 ECTS
Programs:	1140 - MÀSTER UNIVERSITARI EN ENGINYERIA ESTRUCTURAL I DE LA CONSTRUCCIÓ (pla 2015)
Course:	2015/2016
Course language:	Castellano

Faculty

Responsible faculty: Gonzalo Ramos Schneider

Teachers: Antonio Aguado De Cea, Alberto De La Fuente Antequera, Miren Etxeberria Larrañaga, Marta Gangoellés Solanellas, Gonzalo Ramos Schneider, Jose Turmo Coderque, Ignacio Valero Lopez

Generic objectives

Subject to acquire knowledge on trends in recent research related to construction

- Ability to acquire knowledge in the more advanced aspects of research on construction

Recent research progress on construction

Skills

Specific skills

Designing and building using traditional materials (reinforced concrete, prestressed concrete, structural steel, masonry, wood) and new materials (composites, stainless steel, aluminum, shape memory alloys?).

To apply innovative and sustainable technological aspects in the management and implementation of projects and works.

To analyze the multiple technical and legal conditions arising in the construction of public works, and use proven methods and proven technologies with the aim of achieving greater efficiency in construction while respecting the environment and protecting the safety and health of workers and users of public works.

Generic skills of subject

To develop, improve and use conventional materials and new construction techniques to ensure the safety requirements, functionality, durability and sustainability.

To define construction processes and methods of organization and management of projects and works.

To design plans for safety, quality and environmental and socioeconomic impacts related to the construction process.

ECTS credits: total hours of student work

		Dedication	
		Hours	Percent
Supervised Learning	Theory	12.50	100.0%
	Assignments	0.00	0.0%
	Laboratory	0.00	0.0%
	Supervised activities	0.00	0.0%
Self-Learning		50.00	

Contents

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Dedication

12.5h. Theory

Description

Seminars

Activities

Grading rules (*)

(*) The evaluation calendar and grading rules will be approved before the start of the course.

The mark of the course is obtained from the attendance to the seminars

Test rules

Minimum attendance is 80% of the seminars

Teaching methodology

The course consists of 11 seminars of 2 hours.

Support material in virtual campus ATENEA

Office hours

Basic bibliography

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Escola de Camins