

COURSE DETAIL

ADVANCED BUILDING SYSTEMS

Country

Spain

Host Institution

University of Alicante

Program(s)

University of Alicante

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Engineering Architecture

UCEAP Course Number

125

UCEAP Course Suffix**UCEAP Official Title**

ADVANCED BUILDING SYSTEMS

UCEAP Transcript Title

ADV BUILDING SYSTMS

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

In this course, students gain the knowledge and the abilities needed for solving more difficult constructive solutions. Topics include the constructive invariants needed for developing constructive solutions with a higher complexity level, the common singular sections for the different constructive techniques considered out from the basic construction, and constructive solutions by using the current building regulations. The course includes a strong design approach and at the conclusion of the course, students design a building from the construction point of view. The course requires background knowledge in basic constructive systems, constructive materials, and technology.

Language(s) of Instruction

Host Institution Course Number

35531

Host Institution Course Title

SISTEMAS CONSTRUCTIVOS AVANZADOS

Host Institution Course Details

<https://cvnet.cpd.ua.es/Guia-Docente/GuiaDocente/Index?wlengua=es&wcodasi=35531...>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Degree in Fundamentals of Architecture

Host Institution Department

Architecture

Course Last Reviewed

2025-2026

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