

COURSE DETAIL

STRUCTURAL DESIGN

Country

United Kingdom - England

Host Institution

Imperial College London

Program(s)

English Universities, Imperial College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Civil Engineering

UCEAP Course Number

115

UCEAP Course Suffix

Y

UCEAP Official Title

STRUCTURAL DESIGN

UCEAP Transcript Title

STRUCTURAL DESIGN

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

In this course, students analyze the behavior of reinforced concrete subjected to flexure, shear, and axial loading. Students explore the concept of reinforced concrete design at serviceability and ultimate limit states. Students undertake the design of reinforced concrete beams, slabs, and columns in accordance to Eurocode 2.

Language(s) of Instruction

English

Host Institution Course Number

CI2-213

Host Institution Course Title

STRUCTURAL DESIGN

Host Institution Campus

Imperial College London

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Civil Engineering

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