

# COURSE DETAIL

## CONCRETE STRUCTURES

**Country**

United Kingdom - England

**Host Institution**

Imperial College London

**Program(s)**

Imperial College London

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Civil Engineering

**UCEAP Course Number**

153

**UCEAP Course Suffix****UCEAP Official Title**

CONCRETE STRUCTURES

**UCEAP Transcript Title**

CONCRETE STRUCTURES

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

**Course Description**

You will carry out a concept design for a tower block The project addresses the preliminary design of the core, floor slabs, and columns. You will study the design of continuous beams, framed structures as well as the design of flat slabs, design for shear and torsion and strut & tie modelling

**Language(s) of Instruction**

English

**Host Institution Course Number**

CIVE97154

**Host Institution Course Title**

CONCRETE STRUCTURES

**Host Institution Course Details****Host Institution Campus**

Imperial College

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

Civil Engineering

**Course Last Reviewed**

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