COURSE DETAIL

STRUCTURAL MECHANICS
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 119
UCEAP Course Suffix Y
UCEAP Official Title STRUCTURAL MECHANICS
UCEAP Transcript Title STRUCTURL MECHANICS
UCEAP Quarter Units 5.00
UCEAP Semester Units

3.30

Course Description

Building on the learning in Mechanics (Part 1), the course provides students with a basic understanding of the behavior of common structural forms, based on a physical understanding of how these forms are able to carry external forces through the development of internal forces in structural elements. This concept is extended to derive stress and strain distributions within basic structural members.

Language(s) of Instruction
English

Host Institution Course Number
CIVE40006

Host Institution Course Title
STRUCTURAL MECHANICS

Host Institution Course Details
https://sway.cloud.microsoft/PYGy3TEwXMXaTKeQ?ref=Link

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Civil Engineering

Course Last Reviewed
2025-2026

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