

COURSE DETAIL

MECHANICS OF SOLIDS AND STRUCTURES

Country

United Kingdom - England

Host Institution

University College London

Program(s)

University College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering

UCEAP Course Number

147

UCEAP Course Suffix**UCEAP Official Title**

MECHANICS OF SOLIDS AND STRUCTURES

UCEAP Transcript Title

MECH: SOLIDS&STRUCT

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

In this course, students will learn how to determine the response of engineering structures to external mechanical actions, the resulting deformations, and the state of stress and strain produced in the structure's components. Students also to predict and prevent common forms of structural static failure in basic engineering components.

Language(s) of Instruction

English

Host Institution Course Number

MECH0014

Host Institution Course Title

MECHANICS OF SOLIDS AND STRUCTURES

Host Institution Campus

University College London

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mechanical Engineering

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