

# 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 learn 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 Course Details****Host Institution Campus**

University College London

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

Mechanical Engineering

**Course Last Reviewed**

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