

COURSE DETAIL

MANUFACTURING AND DESIGN

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

112

UCEAP Course Suffix**UCEAP Official Title**

MANUFACTURING AND DESIGN

UCEAP Transcript Title

MANUFACTURING&DESIGN

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course covers the process of engineering design, manufacturing methods, and the relationship between them. The course trains students in the methodology of all stages of engineering design: from the analysis of the client statement to the manufacturing of the design. It develops the practical, theoretical, and computational engineering skills relevant to the design process. It also develops an appreciation of sustainability in engineering design, and an understanding of how design decisions can affect the environmental and economic costs of the design and product.

Language(s) of Instruction

English

Host Institution Course Number

MECH0009

Host Institution Course Title

MANUFACTURING AND DESIGN

Host Institution Campus

University College London

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mechanical Engineering

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