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 MANUFACTRING&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 Course Details
https://www.ucl.ac.uk/module-catalogue/modules/manufacturing-and-design-MECH0009

Host Institution Campus
University College London

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mechanical Engineering

Course Last Reviewed
2022-2023

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