COURSE DETAIL

DESIGN, MAKE AND TEST PROJECT
Country United Kingdom - England
Host Institution Imperial College London
Program(s) Imperial College London
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mechanical Engineering
UCEAP Course Number 170
UCEAP Course Suffix Y
UCEAP Official Title DESIGN, MAKE AND TEST PROJECT
UCEAP Transcript Title DESIGN&TEST PROJECT
UCEAP Quarter Units 20.00
UCEAP Semester Units

13.30

Course Description

Students usually work in groups of four throughout the year on a major design, make, and test activity. This is based on a project brief approved by the department, or is an agreed subtask of a wider research team. The group is required to develop the brief as a product specification, in collaboration with the supervisor acting as client. The group must also keep full records of the subsequent design, manufacture and test activities in compliance with industrial standards, including the use of logbooks, design review, formal reports, and both poster and oral presentations. The project culminates in the high profile DMT Exhibition. Throughout the project, each student is required to work to processes detailed in a Quality Plan that their group must write and maintain.

Language(s) of Instruction
English

Host Institution Course Number
MECH60003

Host Institution Course Title
DESIGN, MAKE AND TEST PROJECT

Host Institution Course Details
https://www.imperial.ac.uk/mechanical-engineering/study/undergraduate/detailed-...

Host Institution Campus
Kensington

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mechanical Engineering

Course Last Reviewed
2023-2024

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