

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 Campus

Kensington

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mechanical Engineering

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