

COURSE DETAIL

ENGINEERING DESIGN PROJECT 2

Country

United Kingdom - England

Host Institution

Imperial College London

Program(s)

Imperial College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Electrical Engineering

UCEAP Course Number

139

UCEAP Course Suffix**UCEAP Official Title**

ENGINEERING DESIGN PROJECT 2

UCEAP Transcript Title

ENGR DESIGN PROJ 2

UCEAP Quarter Units

10.00

UCEAP Semester Units

6.70

Course Description

The course offers students the opportunity to apply their knowledge in a major group design project which considers the full design process; from the client brief to the demonstration of a prototype. You must work systematically from high-level goals to detailed design, drawing upon knowledge and skills learned in other courses. Communication with the client occurs throughout and involves an assessed presentation, report, and demonstration. Team-working is crucial, as groups must develop several subsystems in parallel and integrate them together, as well as carry out non-technical tasks such as documentation and cost management. In addition, students develop problem solving skills, project and time management, and communication.

Language(s) of Instruction

English

Host Institution Course Number

ELEC50008

Host Institution Course Title

ENGINEERING DESIGN PROJECT 2

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Electrical Engineering

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