

# 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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