

COURSE DETAIL

PROCESSING LABORATORY

Country

United Kingdom - England

Host Institution

Imperial College London

Program(s)

Imperial College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Materials Science

UCEAP Course Number

152

UCEAP Course Suffix**UCEAP Official Title**

PROCESSING LABORATORY

UCEAP Transcript Title

PROCESSING LAB

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This class consists of an extended laboratory, over 10 weeks, to investigate how a particular processing parameter influences the structure, properties and performance of a material. Each group of students is asked to determine the processing parameters that optimizes the performance of a material for a particular application. Students design and perform a systematic series of experiments to meet the objective, each student produces an individual report on the investigation.

Language(s) of Instruction

English

Host Institution Course Number

MATE60003

Host Institution Course Title

PROCESSING LABORATORY

Host Institution Campus

Kensington

Host Institution Faculty

Host Institution Degree

Host Institution Department

Engineering

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