

COURSE DETAIL

MECHANICAL ENGINEERING DESIGN 3

Country

United Kingdom - Scotland

Host Institution

University of Edinburgh

Program(s)

University of Edinburgh

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering

UCEAP Course Number

122

UCEAP Course Suffix**UCEAP Official Title**

MECHANICAL ENGINEERING DESIGN 3

UCEAP Transcript Title

MECH ENGR DESIGN 3

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

Design is often regarded as the central creative activity of engineering. This course enhances the skills of analysis and synthesis required to develop solutions to open-ended problems. This course teaches techniques for the effective evaluation and communication of design ideas. To support this the students also acquire a knowledge of materials and manufacturing processes selection along with the most common component/system failure modes.

Language(s) of Instruction

English

Host Institution Course Number

MECE09035

Host Institution Course Title

MECHANICAL ENGINEERING DESIGN 3

Host Institution Course Details

<http://www.drps.ed.ac.uk/21-22/dpt/cxmece09035.htm>

Host Institution Campus

Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department

School of Engineering - Mechanical

Course Last Reviewed

2022-2023

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