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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