COURSE DETAIL

MARINE ENERGY 5
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 129
UCEAP Course Suffix
UCEAP Official Title MARINE ENERGY 5
UCEAP Transcript Title MARINE ENERGY 5
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description

The seas and oceans appear to offer opportunities for the long term, cost effective, generation of energy. Waves and tidal currents represent high density energy resources which, in the case of the tides, are highly predictable in form. The wave resource, whilst not predictable in a true sense, is more easily forecast than is the wind. The engineering difficulties associated with effective exploitation of the marine resources are considerable, however. This course guides students through the process of understanding the resources and how to best develop and apply techniques for exploitation.

Language(s) of Instruction
English

Host Institution Course Number
MECE11009

Host Institution Course Title
MARINE ENERGY 5

Host Institution Course Details
http://www.drps.ed.ac.uk/21-22/dpt/cxmece11009.htm?code=MECE11009

Host Institution Campus

Host Institution Faculty
School of Engineering

Host Institution Degree

Host Institution Department

Course Last Reviewed
2021-2022

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