

COURSE DETAIL

ENERGY SYSTEMS IN BUILDINGS 1

Country

Ireland

Host Institution

University College Dublin

Program(s)

University College Dublin

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Engineering

UCEAP Course Number

126

UCEAP Course Suffix**UCEAP Official Title**

ENERGY SYSTEMS IN BUILDINGS 1

UCEAP Transcript Title

ENERGY SYS/BUILDNGS

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course provides a comprehensive exploration of the principles and applications of building energy systems. The course is for students in engineering and architecture, focusing on the intersection of energy efficiency, electrical systems, and building design. Topics include building energy analysis, psychrometrics, steady state and seasonal analysis, electricity supply system, electrical services in buildings, lightning protection.

Language(s) of Instruction

English

Host Institution Course Number

MEEN30130

Host Institution Course Title

ENERGY SYSTEMS IN BUILDINGS 1

Host Institution Campus

University College Dublin

Host Institution Faculty

Host Institution Degree

Host Institution Department

Engineering

[Print](#)