COURSE DETAIL

ENERGY USE IN BUILDINGS
Country Spain
Host Institution Carlos III University of Madrid
Program(s) Carlos III University of Madrid
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Engineering
UCEAP Course Number 126
UCEAP Course Suffix
UCEAP Official Title ENERGY USE IN BUILDINGS
UCEAP Transcript Title ENERGY IN BUILDINGS
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course offers a study of the technological principles of HVAC, lighting, and renewable energy systems in buildings. Topics include: energy consumption in buildings; heating and cooling loads; refrigeration and heat generation; HVAC systems; lighting systems; photovoltaic systems; power factor compensation.

Language(s) of Instruction
English

Host Institution Course Number
16846

Host Institution Course Title
ENERGÍA EN LA EDIFICACIÓN

Host Institution Course Details
https://aplicaciones.uc3m.es/cpa/generaFicha?est=280&anio=2022&plan=452&asig=16...

Host Institution Campus
Leganés

Host Institution Faculty
Escuela Politécnica Superior

Host Institution Degree
Grado en Ingeniería de la Energía

Host Institution Department
Departamento de Ingeniería Eléctrica, Departamento de Ingeniería Térmica y Fluidos

Course Last Reviewed
2022-2023

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