

COURSE DETAIL

SOLAR ENERGY

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)

Earth & Space Sciences

UCEAP Course Number

103

UCEAP Course Suffix**UCEAP Official Title**

SOLAR ENERGY

UCEAP Transcript Title

SOLAR ENERGY

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course provides a study of solar energy: processes, behavior, solar thermal systems, and solar energy storage systems. Topics covered include: solar radiation; heat transfer by radiation; heat transfer by convection; solar collectors; solar thermal energy; energy storage; photovoltaic systems; applications of PV systems.

Language(s) of Instruction

English

Host Institution Course Number

15072

Host Institution Course Title

ENERGÍA SOLAR

Host Institution Course Details

<https://aplicaciones.uc3m.es/cpa/generaFicha?est=280&anio=2024&asig=15072&idiom...>

Host Institution Campus

Leganés

Host Institution Faculty

Escuela Politécnica Superior

Host Institution Degree

Ingeniería de la Energía

Host Institution Department

Ingeniería Térmica y Fluidos

Course Last Reviewed

2024-2025

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