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 Campus

Leganés

Host Institution Faculty

Escuela Politécnica Superior

Host Institution Degree

Ingeniería de la Energía

Host Institution Department

Ingeniería Térmica y Fluidos

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