

COURSE DETAIL

HEAT TRANSFER

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)

Mechanical Engineering Engineering

UCEAP Course Number

102

UCEAP Course Suffix**UCEAP Official Title**

HEAT TRANSFER

UCEAP Transcript Title

HEAT TRANSFER

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course provides a study of heat and mass transfer. Topics and concepts covered include: introduction to convection heat transfer, external flow, internal flow, free convection, boiling and condensation, heat exchangers, psychrometry, and radiation.

Language(s) of Instruction

Host Institution Course Number

14203

Host Institution Course Title

HEAT TRANSFER

Host Institution Course Details

<https://aplicaciones.uc3m.es/cpa/generaFicha?est=221&asig=14203&idioma=2>

Host Institution Campus

Leganés

Host Institution Faculty

Escuela Politécnica Superior

Host Institution Degree

Grado en Ingeniería Mecánica

Host Institution Department

Departamento de Ingeniería Térmica y de Fluidos

Course Last Reviewed

2024-2025

[Print](#)