

COURSE DETAIL

TURBOPROP DESIGN

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

UCEAP Course Number

152

UCEAP Course Suffix**UCEAP Official Title**

TURBOPROP DESIGN

UCEAP Transcript Title

TURBOPROP DESIGN

UCEAP Quarter Units

2.50

UCEAP Semester Units

1.70

Course Description

This course offers a study of aircraft propellers and turboprop engines including internal aerodynamics, propulsion theory, aircraft and Aerojet performance, as well as propulsion systems engineering, mechanics, and thermodynamics.

Pre-requisites: Fluid Mechanics II; Thermal Engineering; Aerodynamics; Aerospace Propulsion I

Language(s) of Instruction

English

Host Institution Course Number

14177

Host Institution Course Title

DISEÑO DE TURBOHÉLICES

Host Institution Course Details

<https://aplicaciones.uc3m.es/cpa/generaFicha?est=251&anio=2025&plan=421&asig=14...>

Host Institution Campus

LEGANÉS

Host Institution Faculty

Escuela Politécnica Superior

Host Institution Degree

Grado en Ingeniería Aeroespacial

Host Institution Department

Departamento de Ingeniería Aeroespacial

Course Last Reviewed

2025-2026

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