COURSE DETAIL

AEROSPACE DESIGN I
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 115
UCEAP Course Suffix E
UCEAP Official Title AEROSPACE DESIGN I
UCEAP Transcript Title AEROSPACE DESIGN I
UCEAP Quarter Units 5.00
UCEAP Semester Units

3.30

Course Description

This course offers a study of aerospace design and manufacturing. Topics include: an introduction to production; automation of manufacturing processes; geometrical and dimensional specification; metrology; metal casting processes; forming and shaping processes; machining processes; non-traditional manufacturing processes; manufacturing cost estimation.

Prerequisites: Aerospace Materials I and II, Engineering Graphics, Thermal Engineering, Aerospace Structures

Language(s) of Instruction
English

Host Institution Course Number
15348

Host Institution Course Title
DISEÑO AEROESPACIAL I

Host Institution Course Details
https://aplicaciones.uc3m.es/cpa/generaFicha?est=251&anio=2021&plan=421&asig=15...

Host Institution Campus
Leganés

Host Institution Faculty
Escuela Politécnica Superior

Host Institution Degree
Grado en Ingeniería Aeroespacial

Host Institution Department
Departamento de Bioingeniería e Ingeniería Aeroespacial

Course Last Reviewed

2021-2022

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