

COURSE DETAIL

MATERIALS SELECTION FOR THE TRANSPORT AND AEROSPACE INDUSTRIES

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 Earth & Space Sciences

UCEAP Course Number

128

UCEAP Course Suffix**UCEAP Official Title**

MATERIALS SELECTION FOR THE TRANSPORT AND AEROSPACE INDUSTRIES

UCEAP Transcript Title

MATERIALS SELECTION

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course discusses the process, method, design, and selection of materials for various industries including the automotive, aeronautical, and aerospace industries. It also examines different materials and their applications including metallic foams, intermetallics, carbon-based materials, nanomaterials, and phase change materials. Pre-requisites: Materials Science and Engineering

Language(s) of Instruction

Spanish

Host Institution Course Number

14139

Host Institution Course Title

SELECCIÓN DE MATERIALES PARA LA INDUSTRIA DEL TRANSPORTE Y AEROESPACIAL

Host Institution Course Details

<https://aplicaciones.uc3m.es/cpa/generaFicha?est=256&anio=2024&plan=418&asig=14...>

Host Institution Campus

LEGANÉS

Host Institution Faculty

Escuela Politécnica Superior

Host Institution Degree

Grado en Ingeniería en Tecnologías Industriales

Host Institution Department

Departamento de Ciencia e Ingeniería de Materiales e Ingeniería Química

Course Last Reviewed

2024-2025

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