COURSE DETAIL

ADVANCED MATHEMATICS
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) Mathematics
UCEAP Course Number 106
UCEAP Course Suffix
UCEAP Official Title ADVANCED MATHEMATICS
UCEAP Transcript Title ADV MATHEMATICS
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course covers ordinary differential equations and partial differential equations. Topics include: first-order differential equations; second-order linear equations; systems of first-order linear equations; nonlinear systems and stability; separation of variables; boundary-value problems.

Pre-requisites: Calculus I, Calculus II, and Linear Algebra.

Language(s) of Instruction
English

Host Institution Course Number
15331

Host Institution Course Title
AMPLIACIÓN DE MATEMÁTICAS

Host Institution Course Details
https://aplicaciones.uc3m.es/cpa/generaFicha?est=251&anio=2022&plan=421&asig=15...

Host Institution Campus
Leganés

Host Institution Faculty
Escuela Politécnica Superior

Host Institution Degree
Grado en Ingeniería Aeroespacial

Host Institution Department
Matemáticas

Course Last Reviewed
2022-2023

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