COURSE DETAIL

COMPLEX ANALYSIS

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
127

UCEAP Course Suffix
E

UCEAP Official Title
COMPLEX ANALYSIS

UCEAP Transcript Title
COMPLEX ANALYSIS

UCEAP Quarter Units
5.00

UCEAP Semester Units

3.30

Course Description

This course offers a study of complex analysis. Topics include: holomorphic functions; analytic functions-- power series and elementary functions; complex integration-- Cauchy's integral formula and applications; the residue theorem and applications-- evaluation of integrals and series; conformal maps.

Prerequisites: Linear Algebra, Differential Calculus, Integral Calculus, Vector Calculus.

Language(s) of Instruction
English

Host Institution Course Number
18271

Host Institution Course Title
VARIABLE COMPLEJA

Host Institution Course Details
https://aplicaciones.uc3m.es/cpa/generaFicha?est=362&anio=2021&plan=433&asig=18...

Host Institution Campus
Leganés

Host Institution Faculty
Escuela Politécnica Superior

Host Institution Degree
Grado en Matemática Aplicada y Computación

Host Institution Department
Departamento de Matemáticas

Course Last Reviewed
2021-2022

Print