COURSE DETAIL

COMPLEX ANALYSIS
Country Ireland
Host Institution University College Cork
Program(s) University College Cork
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mathematics
UCEAP Course Number 113
UCEAP Course Suffix
UCEAP Official Title COMPLEX ANALYSIS
UCEAP Transcript Title COMPLEX ANALYSIS
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description
Topics in this course include: bilinear mappings; complex differential functions; power series; complex contour integrals; Cauchy's theorem and integral formula; Taylor's theorem; zeros of analytic functions and Rouche's theorem; maximum modulus principle; singularities and Laurent series; poles and residues; and residue calculus.

Language(s) of Instruction
English

Host Institution Course Number
MA3054

Host Institution Course Title
COMPLEX ANALYSIS

Host Institution Course Details
https://www.ucc.ie/admin/registrar/modules/?mod=ma3054

Host Institution Campus
UC CORK

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics

Course Last Reviewed
2018-2019

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