COURSE DETAIL

MATHEMATICAL ANALYSIS II
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 108
UCEAP Course Suffix
UCEAP Official Title MATHEMATICAL ANALYSIS II
UCEAP Transcript Title MATHMTICL ANLYS 2
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description
This course presents elementary linear analysis in a concrete setting, emphasizing specific techniques important to analysis and its applications. Topics include normed linear spaces; Banach spaces; Hilbert spaces; convexity; orthogonal expansions and their applications; and Riesz representation theorem for functionals.

Language(s) of Instruction
English

Host Institution Course Number
MA3051

Host Institution Course Title
MATHEMATICAL ANALYSIS II

Host Institution Course Details
https://www.ucc.ie/admin/registrar/archive/20172018/modules/descriptions/page04...

Host Institution Campus
University College Cork

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics

Course Last Reviewed
2019-2020

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