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

Print