COURSE DETAIL

ANALYSIS IN HIGHER DIMENSIONS
Country New Zealand
Host Institution University of Auckland
Program(s) University of Auckland
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mathematics
UCEAP Course Number 113
UCEAP Course Suffix
UCEAP Official Title ANALYSIS IN HIGHER DIMENSIONS
UCEAP Transcript Title HIGHER DIMENSIONS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
By selecting the important properties of distance many different mathematical contexts are studied simultaneously in the framework of metric and normed spaces. Examines carefully the ways in which the derivative generalizes to higher dimensional situations. These concepts lead to precise studies of continuity, fixed points and the solution of differential equations. A recommended course for all students planning to advance in mathematics.

Language(s) of Instruction
English

Host Institution Course Number
MATHS 333

Host Institution Course Title
ANALYSIS IN HIGHER DIMENSIONS

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics

Course Last Reviewed

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