COURSE DETAIL

ANALYSIS I

Country
Hong Kong

Host Institution
University of Hong Kong

Program(s)
University of Hong Kong

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Mathematics

UCEAP Course Number
134

UCEAP Course Suffix
A

UCEAP Official Title
ANALYSIS I

UCEAP Transcript Title
ANALYSIS

UCEAP Quarter Units
5.00

UCEAP Semester Units

3.30

Course Description

This course examines basic properties of metric spaces; openness; closedness; interior; closure; derived set; boundary; compactness; completeness; continuity; connectedness; pathwise connectedness; uniform continuity; uniform convergence; and Banach's fixed point theorem.

Language(s) of Instruction
English

Host Institution Course Number
MATH3401

Host Institution Course Title
ANALYSIS I

Host Institution Course Details
http://webapp.science.hku.hk/sr4/servlet/enquiry?Type=Course&course_code=MATH34...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics

Course Last Reviewed
2024-2025

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