

COURSE DETAIL

INTRODUCTION TO MATHEMATICAL ANALYSIS

Country

Korea, South

Host Institution

Seoul National University

Program(s)

Seoul National University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

105

UCEAP Course Suffix**UCEAP Official Title**

INTRODUCTION TO MATHEMATICAL ANALYSIS

UCEAP Transcript Title

INTRO MTH ANALYSIS

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course introduces concepts and theories of mathematical analysis. Topics include limits of continuous functions and differentiable series of functions, uniform convergence of series of functions, Arzela-Ascoli theorem, Weierstrass theorem, power series, analytic functions, trigonometric series, Fourier series, etc.

Language(s) of Instruction

Korean

Host Institution Course Number

881.008

Host Institution Course Title

INTRODUCTION TO MATHEMATICAL ANALYSIS

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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