

COURSE DETAIL

REAL ANALYSIS I

Country

Korea, South

Host Institution

Yonsei University

Program(s)

Yonsei University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

104

UCEAP Course Suffix**UCEAP Official Title**

REAL ANALYSIS I

UCEAP Transcript Title

REAL ANALYSIS I

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

In this course, students explore the classical analysis including topology, real number, convergence and several function theories. Other areas of study include: real and Euclidean space, topology of Euclidean space, compactness, continuous mapping, uniform convergence, differentiable mapping, inverse and implicit function theory, integration and the Fubini theorem. Assessment: Participation (5%), Assignments and quizzes (15%), Midterm (35%), Final (45%) Prerequisites: Calculus (1) and (2)

Language(s) of Instruction

English

Host Institution Course Number

MAT3104

Host Institution Course Title

REAL ANALYSIS (1)

Host Institution Course Details**Host Institution Campus****Host Institution Faculty****Host Institution Degree****Host Institution Department**

Mathematics

Course Last Reviewed

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