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 I

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics

[Print](#)