

COURSE DETAIL

INTRODUCTION TO OPTIMIZATION

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

121

UCEAP Course Suffix**UCEAP Official Title**

INTRODUCTION TO OPTIMIZATION

UCEAP Transcript Title

INTRO OPTIMIZATION

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course examines the theory and techniques of optimization. It covers unconstrained and constrained optimization; necessary conditions and sufficient conditions for optimality, convexity, duality; and algorithms and numerical examples.

Language(s) of Instruction

English

Host Institution Course Number

MATH3904

Host Institution Course Title

INTRODUCTION TO OPTIMIZATION

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2023-2024

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