

COURSE DETAIL

ENGINEERING PROJECT MANAGEMENT

Country

Hong Kong

Host Institution

University of Hong Kong

Program(s)

University of Hong Kong

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Engineering

UCEAP Course Number

146

UCEAP Course Suffix**UCEAP Official Title**

ENGINEERING PROJECT MANAGEMENT

UCEAP Transcript Title

ENGIN PROJ MNGMNT

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course examines the fundamentals of engineering project management. It covers project environment; project evaluation; risk management process; project selection and proposal preparation; project scheduling and contingency setting and control; control of variation and claims; project management methodologies and techniques, change management; multi-criteria decision making process; analytic hierarchy process; PERT/GANTT techniques for project control and resources allocation; simulation of critical paths; case studies.

Language(s) of Instruction

English

Host Institution Course Number

IMSE4102

Host Institution Course Title

ENGINEERING PROJECT MANAGEMENT

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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