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

Print