COURSE DETAIL

TRANSPORTATION ENGINEERING
Country Hong Kong
Host Institution University of Hong Kong
Program(s) University of Hong Kong
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Civil Engineering
UCEAP Course Number 111
UCEAP Course Suffix
UCEAP Official Title TRANSPORTATION ENGINEERING
UCEAP Transcript Title TRANSPORTATION ENGR
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description
This course introduces key terminologies and concepts, and describes key considerations in transportation engineering. The course uses the application of mathematical and statistical skills to derive or obtain key results in transportation engineering. The course teaches how to identify, formulate and solve transportation engineering problems and design the geometry of highways with the considerations of safety and physical constraints. The course analyzes transportation engineering problems, transportation survey data, and transportation model results. Assessment: written exam (80%), and in-course assignment (20%).

Language(s) of Instruction
English

Host Institution Course Number
CIVL2111

Host Institution Course Title
TRANSPORTATION ENGINEERING

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Civil Engineering

Course Last Reviewed

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