COURSE DETAIL

TRANSPORTATION ENGINEERING
Country Singapore
Host Institution National University of Singapore
Program(s) National University of Singapore
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Civil Engineering
UCEAP Course Number 130
UCEAP Course Suffix
UCEAP Official Title TRANSPORTATION ENGINEERING
UCEAP Transcript Title TRANSPORT ENGINEER
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course introduces basic principles and tools to design, plan, evaluate, analyze, manage and control transportation systems. The courses covers how to identify, formulate, examine, and solve transportation engineering problems. The major topics include transportation system, planning and management, geometric design of roads and intersections, structural design of pavement, pavement materials, traffic flow and analysis, and traffic management and control.

Language(s) of Instruction
English

Host Institution Course Number
CE3121

Host Institution Course Title
TRANSPORTATION ENGINEERING

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Civil and Environmental Engineering

Course Last Reviewed
2022-2023

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