COURSE DETAIL

RAILROAD TRANSPORTATION ENGINEERING
Country Taiwan
Host Institution National Taiwan University
Program(s) National Taiwan University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Civil Engineering
UCEAP Course Number 110
UCEAP Course Suffix
UCEAP Official Title RAILROAD TRANSPORTATION ENGINEERING
UCEAP Transcript Title RAILRD TRNSPRT ENGR
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

Rail transportation requires infrastructure, vehicles, motive power and energy to move goods and people. Each of these factors interact to affect the efficiency, energy requirements and economics of railroad operation. This course covers the principles of railroad transportation efficiency; economics, energy, and engineering. Topics include: Introduction to railroad infrastructure; rolling stocks; signal systems, and operations. The course is designed to establish the basic understanding and skills for conducting railway research and industrial projects.

Language(s) of Instruction
English

Host Institution Course Number
CIE5075

Host Institution Course Title
RAILROAD TRANSPORTATION ENGINEERING

Host Institution Course Details
http://nol.ntu.edu.tw/nol/coursesearch/print_table.php?course_id=521%20U8770&cl...

Host Institution Campus

Host Institution Faculty
Engineering

Host Institution Degree

Host Institution Department
Civil Engineering

Course Last Reviewed
2022-2023

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