

COURSE DETAIL

TRANSPORT SYSTEMS

Country

United Kingdom - England

Host Institution

Imperial College London

Program(s)

Imperial College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Civil Engineering

UCEAP Course Number

116

UCEAP Course Suffix**UCEAP Official Title**

TRANSPORT SYSTEMS

UCEAP Transcript Title

TRANSPORT SYSTEMS

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

In this course students are introduced to the design principles of transport systems, their application to the movement of people and goods, within the wider context of the civil engineering profession. The course covers concepts such as travel demand, value of time and the environmental of transportation, underpinned by mathematical programming and algorithmic techniques. A strong systems design thread is running throughout the course, which includes aspects of network design, optimization, and performance maximization.

Language(s) of Instruction

English

Host Institution Course Number

CIVE60008

Host Institution Course Title

TRANSPORT SYSTEMS

Host Institution Course Details

<https://sway.cloud.microsoft/sKoKt5vWMhwvdTju?ref=Link>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Civil Engineering

Course Last Reviewed

2025-2026

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