COURSE DETAIL

COMMUNICATIONS
Country United Kingdom - England
Host Institution Imperial College London
Program(s) Imperial College London
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Electrical Engineering
UCEAP Course Number 127
UCEAP Course Suffix
UCEAP Official Title COMMUNICATIONS
UCEAP Transcript Title COMMUNICATIONS
UCEAP Quarter Units 7.50
UCEAP Semester Units 5.00

Course Description

This course takes students through the idea of transmitting information from one point to another in the presence of noise. The course introduces students to both analogue and digital transmission, show how the two are connected, and explain the differences (e.g. signal-to-noise ratio vs. bit error rate). The course also introduces students to information theory, and the fundamental theoretical limits of compression and channel coding it identifies.

Language(s) of Instruction
English

Host Institution Course Number
ELEC50002

Host Institution Course Title
COMMUNICATIONS

Host Institution Course Details
https://intranet.ee.ic.ac.uk/electricalengineering/eecourses_t4/course_content...

Host Institution Campus
Kensington

Host Institution Faculty

Host Institution Degree

Host Institution Department
Department of Electrical Engineering

Course Last Reviewed
2022-2023

Print