

COURSE DETAIL

NETWORKS AND COMMUNICATIONS

Country

United Kingdom - England

Host Institution

Imperial College London

Program(s)

Imperial College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

115

UCEAP Course Suffix**UCEAP Official Title**

NETWORKS AND COMMUNICATIONS

UCEAP Transcript Title

NETWORKS&COMMUNICTN

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course studies networks and communications. It focuses on learning about applications of computer communications and types of data, channels, bit rate and network topologies, LANs, MANs and WANs, broadcast and point-to-point, and synchronous and asynchronous communication. Students also examine connection-oriented and connectionless communication; theoretical capacity of channels (Shannon's law and the Nyquist relationship); multiplexing; queuing theory; computer communication system architectures; the OSI reference model; and the seven layer model.

Language(s) of Instruction

English

Host Institution Course Number

COMP95003

Host Institution Course Title

NETWORKS AND COMMUNICATIONS

Host Institution Campus

Imperial College London

Host Institution Faculty

Host Institution Degree

Host Institution Department

Department of Computing

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