

# COURSE DETAIL

## COMMUNICATIONS NETWORKS

**Country**

Australia

**Host Institution**

University of Sydney

**Program(s)**

University of Sydney

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Electrical Engineering

**UCEAP Course Number**

131

**UCEAP Course Suffix****UCEAP Official Title**

COMMUNICATIONS NETWORKS

**UCEAP Transcript Title**

COMM NETWORKS

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course examines communication reference models (TCP/IP and OSI); circuit switched and packet switched communication; network node functions and building blocks; LAN, MAN, WAN, WLAN technologies; protocols fundamental mechanisms; the TCP/IP core protocols (IP, ICMP, DHCP, ARP, TCP, UDP etc. ); applications and protocols (ftP, Telnet, SMTP, HTTP etc. ); network management and security.

## Language(s) of Instruction

English

## Host Institution Course Number

ELEC3506

## Host Institution Course Title

COMMUNICATIONS NETWORKS

## Host Institution Course Details

<https://www.sydney.edu.au/units/ELEC3506.html>

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Electrical and Information Engineering

## Course Last Reviewed

2023-2024

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