

ECSE 416. TELECOMMUNICATION NETWORKS.

Credits: 4

Offered by: Electrical & Computer Engr (Faculty of Engineering)

Terms offered: Fall 2025, Winter 2026

View offerings for Fall 2025 or Winter 2026 in Visual Schedule Builder.

Description

Architecture and protocols of contemporary networks; wired and wireless access systems; flow and congestion control; network optimization; randomized multiple access protocols; queueing disciplines; low-power wireless networks. Examples: Ethernet, TCP/IP, 802.11, 802.15.4. Lab experiments addressing routing protocols, TCP, queueing disciplines and quality-of-service, and network security.

- Prerequisite(s): (ECSE 250 or COMP 250), ECSE 205, and (ECSE 308 or ECSE 316)
- Restriction(s): Not open to students who have taken ECSE 414 or ECSE 489.
- (3-4-5)

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