

ECSE 308. INTRODUCTION TO COMMUNICATION SYSTEMS AND 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

Information and bandwidth, signals, modulation and noise, transmission and switching. Principles of layered design and the OSI model, measures of performance. Information sources and services. Application, Presentation and Session layers. Transport and Network layers. Data link layer and multi-user communication. Physical layer and transmission techniques. Wireline and wireless transmission media. Core (Backbone), and Access Communication Networks. Communication network classification. Laboratory work involving analog and digital transmission techniques.

- Prerequisite(s): ECSE 205 and ECSE 206
- (3-4-5)

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