

ECSE 405. ANTENNAS.

Credits: 3

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

This course is not offered this catalogue year.

Description

Fundamentals of antenna theory: sources, radiation pattern and gain. Classification of antennas. Main antenna types and their characteristics. Antenna temperature, remote sensing and radar cross-section. Self and mutual impedances. Special topics include adaptive antennas, very large array (VLA) used in radio astronomy and biomedical applications.

- (3-0-6)
- Prerequisites: ECSE 303 or ECSE 206 and ECSE 352 or ECSE 354
- Restriction: Not open to students who have taken ECSE 593.

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