

ECSE 206. INTRODUCTION TO SIGNALS AND SYSTEMS.

Credits: 3

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

This course is not offered this catalogue year.

Description

Review of complex functions. Discrete-and continuous-time signals, basic system properties. Linear time-invariant systems, convolution. Fourier series and Fourier transforms, frequency-domain analysis, filtering, sampling. Laplace transforms and inversion, transfer functions, poles and zeros, solutions of linear constant-coefficient differential equations, transient and steady-state response. Z-transforms.

- (3-2-4)
- Prerequisite(s): ECSE 200
- (3-2-4)

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