ECSE 303. SIGNALS AND SYSTEMS 1.

Credits: 3

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

This course is not offered this catalogue year.

Description

Elementary continuous and discrete-time signals, impulse functions, basic properties of discrete and continuous linear time-invariant (LTI) systems, Fourier representation of continuous-time periodic and aperiodic signals, the Laplace transform, time and frequency analysis of continuous-time LTI systems, application of transform techniques to electric circuit analysis.

- · (3-2-4)
- Prerequisites: ECSE 210, MATH 247 or MATH 270 or MATH 271.
- Corequisite: MATH 249 or MATH 381
- Tutorials assigned by instructor.

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