ECE 3242: Fundamentals of Signal Process

Overview of signals, types of signals, signal representation phasors, power and energy, Linear time invariant systems, convolution and impulse response; Fourier analysis and concept of frequency, Fourier transform, line spectrum; Discrete time signal analysis; Discrete Fourier transform (DFT), discrete-time convolution, z-transform.

Credits: 3
Prerequisites:
MAT 2705
MAT 2705
Program: Electrical and Computer Engineering