ECE 3225: Signal Processing

Signal representation, Fourier series, Fourier transform, discrete-time systems, convolution, discrete-time Fourier transform, Z-transform. Practicum includes MATLAB exercises on transform properties and their use in modulation and filtering. Three lecture hours per week.

Credits: 3.0
Prerequisites:
ECE 2030
ECE 2409
MAT 2705
ECE 2030 :D- and ECE 2409 :D- and MAT 2705 :D-
Co-Requisites:
ECE 3230
ECE 3230
Program: Electrical and Computer Engineering