

ECE 3220: 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 and a two-hour practicum per week.

Credits: 4.0

Prerequisites:

ECE 2054

ECE 2409

MAT 2705

(ECE 2051 :D- or ECE 2054 :D-) and ECE 2409 :D- and MAT 2705 :D-

Program: [Electrical and Computer Engineering](#)