

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

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](#)