ECE 3240: Discrete-Time Signals & System

Discrete-time signal and system representation; sampling of continuous signals; discrete-time Fourier and z transforms; frequency content of signals and frequency response of systems; system analysis and filtering. Practicum includes use of MATLAB on filtering, channel equalization, music synthesis and spectrum analysis. Three lecture hours and a two-hour practicum per week.

Credits: 4.0
Prerequisites:
ECE 2409
MAT 1505
ECE 2409 :D- and MAT 1505 :D-
Program: Electrical and Computer Engineering