

# ECE 3245: Discrete Time Signals & System

Discrete-time signal and system representation; sampling of continuous signals; discrete-time Fourier and Z-transformations; frequency content of signals and frequency response of systems; systems analysis and filtering.

**Credits:** 3.0

**Prerequisites:**

ECE 2409

MAT 2705

ECE 2409 :D- and MAT 2705 :D-

**Co-Requisites:**

ECE 3230

ECE 3230

**Program:** Electrical and Computer Engineering