ECSE 412. DISCRETE TIME SIGNAL PROCESSING.

Credits: 3

Offered by: Electrical & Computer Engr (Faculty of Engineering)

Terms offered: Fall 2025

View offerings for Fall 2025 in Visual Schedule Builder.

Description

Discrete-time signals and systems; Fourier and Z-transform analysis techniques, the discrete Fourier transform; elements of FIR and IIR filter design, filter structures; FFT techniques for high speed convolution; quantization effects.

- (3-2-4)
- Prerequisite(s): ECSE 206 or ECSE 304 or ECSE 306.
- Tutorials assigned by instructor.

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