

Course Number

ECE-241-01

Course Description

Discrete signals and systems; classification and properties of systems; difference equations; Z-transform; Fourier series, Fourier transforms, the DFT and FFT; filters and filter design; A/D and D/A converters; applications to audio signal processing. Includes a weekly lab.

Academic Term

22/FA

Instructor

Dosiek, Luke

Location & Meeting Time

Integrated Science & Engineering Complex-124 M/W/F 10:30AM-11:35AM LEC

Petition

Y

Credits

1.00

Capacity

24

Total Students

23

Common Curriculum

WAC

Interdisciplinary Programs

Film Studies

Academic Department

Electrical & Computer Engineer

Field Of Study

Electrical & Computer Engineer (ECE)