

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

21/FA

Instructor

Pappu, Chandra

Location & Meeting Time

Integrated Science & Engineering Complex-150 M/W/F 08:00AM-09:05AM LEC

Petition

Y

Credits

1.00

Capacity

26

Total Students

25

Common Curriculum

WAC Writing Across Curriculum

Interdisciplinary Programs

Film Studies

Academic Department

Electrical & Computer Engineer

Field Of Study

Electrical & Computer Engineer (ECE)