

EESC5360 - Introduction to Communications and Signal Processing

[EESC 5360](#) Introduction to Communications and Signal Processing (3 semester credit hours) This course is designed to provide the necessary background for someone with a technical degree to enter the MSEE program in the Communications and Signal Processing concentration. It will focus on linear systems theory, to include Fourier series, Fourier and Laplace transforms, transfer functions, frequency response, and convolution. It will also include introductions to the solution of ordinary differential equations and to communications systems. May not be used to fulfill 33 semester credit hours in MSEE degree requirements. Prerequisites: One year of calculus and one semester of probability theory. (3-0) R