

ECE 3030: Engineering Electromagnetics

Maxwell's equations, plane wave, dissipative media, reflection and transmission of waves at an interface, metallic and optical waveguides, transmission lines, linear and array antennas.

Credits: 3

Prerequisites:

MAT 2500

PHY 2402

MAT 2500 and PHY 2402

Co-Requisites:

ECE 3031

ECE 3031

Program: [Electrical and Computer Engineering](#)