

# ECE 3030: Engr 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:** 3.0

**Prerequisites:**

MAT 2500

PHY 2402

MAT 2500 and PHY 2402

**Co-Requisites:**

ECE 3031

ECE 3031

**Program:** Electrical and Computer Engineering