

# ECE 3040: Electrical Communications

Analog and digital communication systems: characterization of communication channels, bandwidth and signal distortion; AM and FM, FM stereo and Dolby noise reduction; sample and hold, source encoding, matched filtering, digital modulations and error control-coding.

**Credits:** 3

**Prerequisites:**

ECE 2030

MAT 2705

ECE 2030 and MAT 2705

**Program:** [Electrical and Computer Engineering](#)