

# ENGR4260 : Communication Systems

This course covers fundamental concepts in communication systems with an emphasis on digital communications and applied electromagnetics. The goal is to give students an introduction to both the hardware and theory of modern communication systems. Topics include the following: probability, random variables and random processes, deterministic and stochastic signals, noise, baseband and passband digital signal modulation, transmission line theory, introduction to antennas, radio link budgets, M-ary signaling, and selected topics in analog modulation (e.g., amplitude and frequency modulation). **Fee:** Additional fee required.

**Credits** 3

**Corequisites**

[ENGR4270](#), [ENGR4250](#)

**Fees**

\$300