

## **EL 320 - Random Signals and Noise**

3 Credit Hours

This course introduces time and frequency domain characterization of stochastic processes as the mathematical model of random signals. Using Gaussian noise as an example, this course introduces the description of moments. This course also provides an analysis of the interaction between random signal/noise and deterministic systems, especially filters, with the Poisson process as an example.

### **Prerequisites**

[EL 310](#)