

## **EL 470 - Digital Signal Processing w/Lab**

4 Credit Hours

This course unveils the principles, techniques, and applications that underpin the transformation of analog signals into digital formats for analysis, manipulation, and communication. From understanding Fourier analysis to mastering filter design and spectral analysis, students learn how digital signal processing shapes fields like telecommunications, audio processing, image processing, and more.

### **Prerequisites**

[EL 410](#)