

## **EL 450 - Advanced Digital System Designwith FPGA with Lab**

4 Credit Hours

This course will provide hands-on experience in FPGA (Field-Programmable Gate Array) technology to create sophisticated and high-performance digital systems. Students will learn FPGA architectures to implement complex designs while gaining expertise to leverage reconfigurable logic for applications, including signal processing and embedded systems.

### **Prerequisites**

[EL 205](#) [EL 310](#)