

## **CS 420 - Advanced Routing and Switching**

3 Credit Hours

This course will provide students with intermediate level knowledge and skills for configuring networked routers and switches. Students will learn network design, variable length subnets, network address translation, details on distance vector and link state routing protocols. Upon successful completion, students will be able to configure access list-based security, WAN connections and troubleshooting a TCP/IP network and identify the first three layers of the OSI Model.

### **Prerequisites**

[CS 325](#)