ETRO 240B : Cisco Networking 3

Credits: 3
Class Hours: 6 lecture/lab
Prerequisites: "C" or higher in ETRO 140B and ETRO 140C.
Recommended: Basic computer and internet usage skills.
Description: This course describes the architecture, components, and operations of routers and switches in larger and more complex networks. Students learn how to configure routers and switches for advanced functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with Open Shortest Path First (OSPF), Enhanced Interior Gateway Routing Protocol (EIGRP), and Spanning-Tree Protocol (STP) in both IPv4 and IPv6 networks. Students will also develop the knowledge and skills needed to implement a Wireless Local Area Network (WLAN) in a small-to-medium network.
Semester Offered: Fall