Network Administration

CISCO is a two-year course completed in one year and is designed to provide students with networking theory and industry standard hands-on experience in leading edge computer networking technology. Prepares students for Industry Standard CCNA Certification. Students achieve hands-on experience in:

- Configuring a Network Operating System

- OSI Layers, Troubleshooting

- Subnetting IP Networks, IPV4, IPV6

- Routing Protocols (RIP, OSPF, EIGRP)

- Switching Layer 2 and Multi Layer

- DHCP and NAT

- Access Control Lists

- WAN Protocols (PPP, HDLC, Frame Relay)

Articulated with Shasta College (up to 8 units may be earned).