

Optional Tracks

Students may select one or more of the following technical tracks as they progress towards the A.S. degree. Each technical track aligns with a college credit technical certificate and consists of both professional core and professional elective course options. Technical tracks may be combined or “stacked” to create the 63 credit hour A.S. degree. Please consult with your advisor or Program Manager to determine the path that best suits your academic goals.

A minimum grade of C or higher is required in all Professional and Professional Elective coursework.

Network Support Technician

- CTS1131C: Hardware Configuration
- CTS1133C: Software Configuration
- CTS1154C: Technical Support
- CTS1334C: Server Configuration
- CET2600C: Network Fundamentals (Cisco 1)

Network Infrastructure

- CTS1131C: Hardware Configuration
- CTS1133C: Software Configuration
- CET2600C: Network Fundamentals (Cisco 1)
- CNT2102C: Enterprise Networking, Security, and Automation (Cisco 3)
- CTS2655C: Switching, Routing, and Wireless Essentials (Cisco 2)

Advanced Network Virtualization

- CTS1131C: Hardware Configuration
- CTS1133C: Software Configuration
- CTS1334C: Server Configuration
- CTS2302C: Server Administration
- CTS2411C: Information Storage Management
- CTS2370C: Virtual Infrastructure: Installation and Configuration (VMware)
- CTS2303C: Configuring Advanced Server

Digital Forensics

- CTS1131C: Hardware Configuration
- CTS1133C: Software Configuration
- CTS1120C: Fundamentals of Information Security
- CNT1015C: Operating Systems Foundations
- CTS1334C: Server Configuration
- CAP2140C: Data Forensics I
- CAP2141C: Data Forensics II - Advanced
- CNT2404: Intrusion Detection Systems and Auditing
- CET2662: Techniques of Computer Hacking and Incident Handling

Network Enterprise Administration

- CTS1131C: Hardware Configuration
- CTS1133C: Software Configuration
- CTS1334C: Server Configuration
- CTS2302C: Server Administration
- CTS2303C: Configuring Advanced Server
- CTS2304C: Server Infrastructure
- CTS2305C: Advanced Server Infrastructure
- CTS2960: Server Capstone

IP Communications

- CTS1131C: Hardware Configuration
- CTS1133C: Software Configuration
- CET2600C: Network Fundamentals (Cisco 1)
- CTS2655C: Switching, Routing, and Wireless Essentials (Cisco 2)
- CNT1015C: Operating Systems Foundations
- CTS1334C: Server Configuration
- CTS1120C: Fundamentals of Information Security
- CTS1154C: Technical Support
- CNT2942: Cooperative Education (Internship)
- CTS2662: Voice over IP (VoIP)