

CISCO NETWORKING AND SECURITY TECHNOLOGIES

Explore More About This Program: <https://cwi.edu/program/cisco-networking-and-security-technologies>

Program Description

As networking technologies bring new economic and social opportunities to communities throughout the world, organizations are experiencing a growing demand for networking professionals. Students will learn how to design, build, troubleshoot, and secure wireless and LAN computer networks for increased access to career and economic opportunities in local communities and around the world. The Cisco Networking and Security Technologies program provides training and hands-on experiences that prepare students for rewarding careers in the information technology profession. Common career titles include local area network (LAN) specialist, LAN system administrator, LAN design specialist, LAN engineer, and many others. Graduates of this program will possess a wide range of experience in hardware and software installation and support. Students will develop strong analytical skills and extensive computer knowledge. Coursework includes hands-on experience with client machines in the Windows environment, Linux OS, and mobile OS, as well as, configuration of Cisco routers and switches. Hands-on training in network operating systems, user administration, network security, and LAN switching and bridging design will help students prepare for the CCNA, CCNA: Cyber Ops Associate, Linux LPIC-1 and 2, and Python PCEP certifications.

Understanding computer technology, Internet navigation, email, Windows operating system features, and file management is essential for success in the Cisco Networking and Security program. If a student is concerned that their basic computer skills are not competent, it is highly recommended that they speak with the department chair before enrolling in program courses.

Note: Registrations for Cisco Networking and Security Technology courses are restricted to students within the major.

Degrees and Certificates

- Cisco Networking and Security Technologies - Associate of Applied Science Degree (AAS)
- Cisco Networking and Security Technologies - Advanced Technical Certificate (ATC)
- Cisco Networking and Security Technologies - Basic Technical Certificate (BTC)

Related Degrees and Certificates

- Cybersecurity - Associate of Applied Science Degree (AAS)
- Cybersecurity - Advanced Technical Certificate (ATC)
- Network and System Administration - Associate of Applied Science Degree (AAS)
- Network and System Administration - Advanced Technical Certificate (ATC)
- Network and System Administration - Intermediate Technical Certificate (ITC)