



Computer Systems Technology Programs

Program Length:

Computer Support Technician: 24 credits / 30 weeks

Network Systems Technician: 36 credits / 45 weeks (builds on Computer Support Technician)

Prerequisites: None

Certifications: CompTIA A+ (Computer Support Technician); CompTIA A+ and CompTIA Network+ (Network Systems Technician)

VACE's Computer Systems Technology programs prepare students for employment in computer support, information technology, and network security fields, with a strong emphasis on hands-on, real-world skill building. Two programs that stack allow the students to build from a strong technical foundation into a specialized networking credential, whether their goal is to become a Computer Repair Technician, Systems Administrator, or Cybersecurity Professional.

The Computer Support Technician track (24 credits / 30 weeks, no prerequisites) is the foundation level: students learn computer operating systems fundamentals, hardware troubleshooting and repair, network installation, configuration, and administration, plus network concepts, TCP/IP fundamentals, printer fundamentals, virtualization, and basic Wi-Fi connectivity. Students gain the confidence to perform successfully in the workplace through significant hands-on time actually working with computers and solving real problems in class — not just reading about theory. The track concludes with preparation for the internationally recognized CompTIA A+ certification exam.

The Network Systems Technician track (36 credits / 45 weeks) builds on everything in the Computer Support Technician curriculum and expands significantly on networking-specific skills. Students learn to set up and manage both peer-to-peer and client-server networks, configuring workgroups and domains — practical, employer-relevant skills for network administration roles.

Upon completing the Network Systems Technician track, students prepare for two internationally recognized certifications: CompTIA A+ (validating hardware/OS expertise) and CompTIA Network+ (validating networking knowledge) — a combination that gives graduates a strong, competitive edge in the IT job market, positioning them for roles like Systems Administrator or Cybersecurity Professional.