INFORMATION TECHNOLOGY

HIGH GROWTH. HIGH DEMAND. HIGH REWARD!

ALAMO COLLEGES
NORTHWEST VISTA COLLEGE
Workforce Education & Training
ABOUT THE PROGRAMS

INFORMATION ASSURANCE AND CYBER SECURITY
The Information Assurance and Cyber Security program will prepare students to design, implement and secure computer networks. Students with this degree will be able to install security software, monitor networks for security breaches, respond to cyber-attacks and in some cases, gather data and evidence to be used in prosecuting cyber-crime.

NETWORK ADMINISTRATOR
Students earning this degree will be prepared to pursue information technology and networking careers in a variety of industries, including healthcare, financial services, education, entertainment, and more. With an emphasis on practical experience, students learn the basics of routing, switching, wireless, troubleshooting, and other advanced technologies.

NETWORK AND CLOUD ARCHITECTURE
Students earning this degree will be prepared to pursue information technology and networking careers in organizations that support and provide cloud computing based services. Types of services include, but are not limited to, open source solutions for public and private clouds, website hosting, business applications, and testing and development in cloud technology. With an emphasis on practical experience, students learn the basics of network architecture, routing, switching, troubleshooting, programming, and security of the cloud-based network.

COMPUTER SUPPORT SPECIALIST
This certificate may be completed in one year. Main responsibilities include troubleshooting a computer for problems and finding the quickest best solutions to fix them. They support computer hardware and software issues, network problems, and protection from viruses and malware.
The following titles are examples of careers associated with this program but not limited to:

Network Administrator, Network Engineer, Network Technician, Information Technology Specialist, Data Security, Computer Security, Information Security Officer Specialist

Occupational profiles indicate a 24% growth for Network and Computer Systems Administrators by the year 2022 in the Alamo Region. Estimated average hourly wage is $35.49* in the Alamo Region.

(Source: SOCRATES-Occupational Profiles-Alamo Region)
*Note: Variations should be expected.

We have an open door admissions policy to ensure that every person has the opportunity to get a college education.

Types of Awards Offered

Associate of Applied Science (AAS)
Advanced Technical Certificate
Certificates
Marketable Skills Awards

Careers Available

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Network Administrator, Network Engineer, Network Technician, Information Technology Specialist, Data Security, Computer Security, Information Security Officer Specialist
Career and Technical programs are created by faculty and industry professionals to ensure curriculum and training are aligned with current industry practices and trends. All workforce programs are designed to be completed in two years or less allowing graduates to begin their career immediately.

For additional information please contact the Program Coordinator:

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