

# NETWORK AND COMPUTER SYSTEMS ADMINISTRATION



## What does a Network and Computer Systems Administrator do?

Network and Computer Systems Administrators provide help and advice to computer users and organizations. These specialists either support computer networks or they provide technical assistance directly to computer users. Network and Computer Systems Administrators analyze, troubleshoot, and evaluate computer network problems. They play an important role in the routine maintenance of their organization's networks, such as performing file backups on the network.

## How will Asher College prepare me for this career?

The computer industry continues to demand educated IT professionals. Asher College provides students with knowledge for their field including:

- PC Repair
- Building, upgrading, maintaining, diagnosing and troubleshooting computer hardware & software
- Solving system and network connectivity issues
- Designing, implementing, and managing network infrastructure
- Understanding and implementing network security fundamentals and practices
- How to install, configure, and maintain a Windows operating system in stand-alone, workgroup, and domain environments
- How to install, operate, configure, and verify basic IPv4 and IPv6 networks using Cisco switches, routers, and wireless networking devices
- Build an understanding of Cisco security, WAN protocols, special transmission protocols, and automation.

## What characteristics are important in this field?\*

- **Analytical skills:** Administrators need to evaluate networks and systems to make sure that they perform reliably and to anticipate new requirements as customers' needs change.
- **Communication skills:** Administrators must describe problems and their solutions to non-IT workers.
- **Multitasking skills:** Administrators may have to work on many problems and tasks at the same time.
- **Problem-solving skills:** Administrators must quickly resolve problems that arise with computer networks.

## What are the job opportunities in this Career?

The Network and Computer Systems Administration certification is appropriate for job roles including:

- Help Desk
- PC Support Technician
- Repair Technician
- Desktop Support Engineer
- Network Repair Technician
- Network Support Specialist

## What is the Salary Potential and the job outlook in this field?

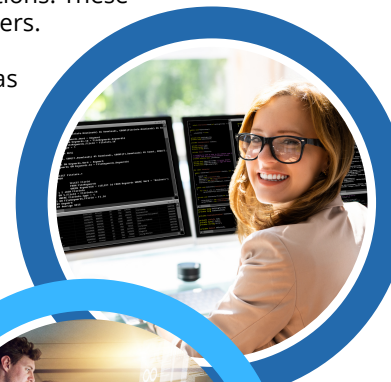
Asher College provides career-training programs for entry and mid-level positions. Salaries vary depending on geographical location, economic conditions, and willingness to relocate. Salaries by occupation and specific location can be found at [www.onetonline.org](http://www.onetonline.org). National figures for labor market activity, working conditions, and price changes in the economy are available at [www.bls.gov/ooh/](http://www.bls.gov/ooh/) or you can visit the campus career services department to learn where Asher graduates work and the beginning salaries in their respective careers.

## What is the job outlook for the next 10 years?\*

Employment in this industry is projected to grow 6 percent from 2021 to 2031, much faster than the average for all occupations. More support services will be needed as organizations upgrade their computer equipment and software. Computer support staff will be needed to respond to the installation and repair requirements of increasingly complex computer equipment and software.

## What are the typical working hours for this career?\*

Most Network and Computer Systems Administrators work full time. Organizations depend on their computers, so specialists may need to work overtime to ensure that the networks are operating properly around the clock.



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ASHER ID	COURSE NAME	CERTIFICATION EXAM OR SKILL
PCS110	PC Support Level 1	CompTIA A+ Part 1 of 2
PCS111	PC Support Level 2	CompTIA A+ Part 2 of 2
NET103	Introduction to Networking	CompTIA Network+
MOS102	Windows OS	Skill Development
SEC102	Network and Operational Security	CompTIA Security+
CD101	Career Success	Soft Skill Development
CD201	Advanced Career Development	Soft Skill Development
CNC101	Advanced Networking Level 1	Skill Development
CNC102	Advanced Networking Level 2	Cisco CCNA

## What Certification and Exam options do I have with this program?

CompTIA A+  
CompTIA Network+  
CompTIA Security+  
Cisco CCNA (Cisco Certified Network Associate)



## Earn the following credentials by stacking multiple CompTIA certifications:

Infrastructure Specialist – **CIOS** – CompTIA IT Operations Specialist (A+ and Network+)

Cybersecurity Specialist – **CSIS** – CompTIA Secure Infrastructure Specialist (A+ and Network+ and Security+)



## How long will it take to complete my education?

**Full time** = 12 months (24 hours per week)

**¾ time** = 16 months (18 hours per week)

**Half Time** = 23 months (12 hours per week)

**Program includes: books, tuition, certification exams, tutoring, and career service assistance.**

\*CA Students are also subject to Student Tuition Recovery Fund (STRF) fees from the California Bureau for Private and Postsecondary Education (BPPE).

Program Accredited By:



For more information on our programs, our catalogs can be viewed at <https://asher.edu/disclosures/>

**www.Asher.edu**

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