

CLOUD AND COMPUTER SECURITY SPECIALIST

DEGREE: ASSOCIATE OF APPLIED SCIENCE IN CLOUD AND COMPUTER SECURITY

QUARTER CREDIT HOURS: **107.5**

CERTIFICATE: CLOUD AND COMPUTER SECURITY SPECIALIST

QUARTER CREDIT HOURS: **80.5**



What does a Cloud and Computer Security Specialist do?

Cloud and Computer Security Specialists provide help and advice to computer users and organizations. These specialists either support computer networks or they provide technical assistance directly to computer users. Cloud and Computer Security Specialists 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
- The training in Amazon Web Services builds skills in cloud computing and designing, and deploying scalable, highly available, secure, and fault-tolerant systems/applications on AWS.
- According to LinkedIn** 2020 data, cloud computing is the second most requested hard skill companies need.

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 Cloud and Computer Security Specialist certification is appropriate for job roles including:

- Help Desk
- PC Support Technician
- IT and Data Coordinator
- Repair Technician
- Cloud Support
- Configuration Technician

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. National figures for labor market activity, working conditions, and price changes in the economy are available at 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 are the typical working hours for this career?

Most Cloud and Computer Security Specialists 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.



CLOUD AND COMPUTER SECURITY SPECIALIST



| 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 |
| AWS101 | Cloud Practitioner | AWS Cloud Practitioner |
| AWS102 | Solutions Architect | AWS Solutions Architect |

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

CompTIA A+
CompTIA Network+
CompTIA Security+
AWS Cloud Practitioner
AWS Solutions Architect



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 certificate?

Full time = 12 months (24 hours per week)

¾ time = 17 months (18 hours per week)

Half Time = 25 months (12 hours per week)

Earn an Associate of Applied Science in Cloud & Computer Security - add 6 Months and the following courses:

| ASHER ID | COURSE NAME |
|----------------|-------------------------------------------------|
| GE101 or GE107 | Critical Thinking or Introduction to Psychology |
| GE102 | Business Communication |
| GE103 | Business Math |
| GE104 | Introduction to Business |
| GE105 or GE108 | Principles of Management or Leadership |
| GE106 | American Government |

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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