Prepare for CompTIA Certifications

— *While working on your AAS Degree or Certificate of Achievement*

The CIT Department at the College of Southern Nevada offers many courses to help you prepare for industry-recognized certifications. The courses will also fulfill requirements for AAS Degrees and Certificates of Achievement. This document presents AWS certifications and their associated preparatory courses. All courses are 3 credits, unless noted otherwise.

> *The course material of each class can serve only as a guide to the specific topics covered in the certification exams. Passing these classes does not guarantee that you will pass the certification exams. Additional review and practice will be required to achieve the mastery of the concepts and skills needed to pass the exams.*

If you already hold current versions of these industry certifications, you may wish to use them to petition for Non-Traditional Educational (NTE) credit for relevant courses required for AAS degrees or Certificates of Achievement. You will find the specific rules, procedures, and limitations in the online 2024-2025 General Catalog (*https://catalog.csn.edu/*):

- Select "Admission Information" in the Catalog Navigation bar
- Select "Alternative Credit Options" from the Admission Information options
- Scroll down to the "Non-Traditional Education (NTE)" section

Refer to the online 2024-2025 Catalog for Course Descriptions and Degree Requirements.

For the **Project+ certification**, contact Eve Taghva, Software Program Director, for more information.

For **all other CompTIA certifications** contact Karen Ahern, Networking Program Director, for more information.

A+

According to CompTIA's A+ website (*https://www.comptia.org/certifications/a*), the following specific skills are validated by the A+ certification:
- Mobile devices
- Networking technology
- Hardware
- Visualization
- Cloud computing
- Operating systems
- Security
- Software
- Operational procedures

To attain A+ Certification, you need to pass **two** exams:
- Core 1 (220-1101)
- Core 2 (220-1102)

The following 4-credit course at CSN will prepare you for the A+ certification:

- CIT 114B IT Essentials

This course fulfills a core requirement for the following:
- AAS Degree in CIT Cyber Security – Digital Forensics (core)
- AAS Degree in CIT Networking – Cloud Systems Administration (core)
- AAS Degree in CIT Networking – Network Administration (core)
- Certificate of Achievement in CIT Cyber Security – Digital Forensics (core)
- Certificate of Achievement in CIT Networking – Cloud Systems Administration (core)

Network+

According to CompTIA's [Network+ website](https://www.comptia.org/certifications/network) (*https://www.comptia.org/certifications/network*), the Network+ certification validates knowledge and skills in the areas of networking fundamentals, network implementations, network operations, network security, and network troubleshooting.

The following class will prepare you for the Network+ certification exam (N10-009):

- CIT 112B Network+

This course also fulfills a requirement for the following:

- AAS Degree in CIT Cyber Security – Compliance (core)
- AAS Degree in CIT Cyber Security - Digital Forensics (core)
- AAS Degree in CIT Cyber Security - Network Security (core)
- AAS Degree in CIT Networking – Cloud Systems Administration (core)
- AAS Degree in CIT Networking – Network Administration (core)
- AAS Degree in CIT Software – Database (core)
- AAS Degree in CIT Software – Programming (core)
- AAS Degree in CIT Software - Web Development (core)
- Certificate of Achievement in CIT Cyber Security – Digital Forensics (core)
- Certificate of Achievement in CIT Networking – Cloud Systems Administration (core)

Project+

According to CompTIA's Project+ website (*https://www.comptia.org/certifications/project*), the Project+ exam validates skills and knowledge of project basics, project constraints, communication and change management, and project tools & documentation. The following class will prepare you for Project+ certification exam (PK0-005):

- CIT 263 Project Management (Prerequisites: IS 100B or 101; AND either ENG 100 or above with a grade of C or higher, OR COM 101 or above with a grade of C or higher; or Instructor approval.)

The course also fulfills a requirement for the following:
- AAS Degree in CIT Cyber Security - Compliance (core)
- AAS Degree in CIT Cyber Security – Digital Forensics (core)
- AAS Degree in CIT Networking – Network Administration (core)
- AAS Degree in CIT Software – Database (core)
- AAS Degree in CIT Software – Programming (core)
- AAS Degree in CIT Software - Web Development (core)
- Certificate of Achievement in CIT Cyber Security – Digital Forensics (core)

Note: CIT 263 also fulfills a lower division core requirement for CSN's Bachelor of Applied Science in Project Management. See Degree Requirements (*https://catalog.csn.edu/preview_program.php?catoid=14&poid=7605*). Contact the Department of Business Administration for more information about the degree.

Security+

According to CompTIA's Security+ website (*https://www.comptia.org/certifications/security*), the Security+ exam validates your "…knowledge and skills required to

- Assess the security posture of an enterprise environment and recommend and implement appropriate security solutions.

- Monitor and secure hybrid environments, including cloud, mobile, Internet of Things (IoT), and operational technology.

- Operate with an awareness of applicable regulations and policies, including principles of governance, risk, and compliance.

- Identify, analyze, and respond to security events and incidents."

The following class will prepare you for Security+ certification exam (SY0-701):

- CIT 217 Security+ (Prerequisite: CIT 112B or associated certifications.)

The course also fulfills requirements for the following:

- AAS Degree in CIT Cyber Security – Compliance (elective)
- AAS Degree in CIT Cyber Security – Network Security (elective)
- AAS Degree in CIT Networking – Cloud Systems Administration (core)
- AAS Degree in CIT Networking – Network Administration (core)
- Certificate of Achievement in CIT Networking – Cloud Systems Administration (core)

Costs

Fees for 100-200 level classes are
- about $456 for 3-credit courses
- about $585 for 4-credit courses

Fees for 300-400 level classes are
- about $674 for 3-credit courses
- about $902 for 4-credit courses

For additional fees, such as those for online courses and for non-residents, go to the cashier's [Tuition & Fees](https://www.csn.edu/financial-aid/tuition-and-fees) page (*https://www.csn.edu/financial-aid/tuition-and-fees*). If applicable, Additional Course Fees are noted in MyCSN.

The fees for the certification exams are NOT included in CSN's fees. Textbooks are an additional expense.

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