

# 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 CompTIA 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. Specific rules, procedures and limitations apply. See the [Alternative Credit Options](http://catalog.csn.edu/content.php?catoid=6&navoid=564#alternative-credit-options) (<http://catalog.csn.edu/content.php?catoid=6&navoid=564#alternative-credit-options>) section in the online 2021–2022 General Catalog, Admissions Information for details. Scroll down to find the “Non-Traditional Education (NTE)” section.)

Refer to the online 2021-2022 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) (<https://www.comptia.org/certifications/a>), “CompTIA A+ certified professionals are proven problem solvers. They support today’s core technologies from security to cloud to data management and more. CompTIA A+ is the industry standard for launching IT careers into today’s digital world.” The specific skills validated by the A+ certification are hardware, networking, operating systems, hardware & network troubleshooting, software troubleshooting and security.

To attain A+ Certification, you need to pass **two** exams:

- Core 1 (220-1001)
- Core 2 (220-1002)

The following 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 – Network Administration (core)
- AAS Degree in CIT Networking – 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 concepts, infrastructure, network operations, network security, and network troubleshooting & tools.

The following class will prepare you for the Network+ certification exam (N10-007):

- 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 – Network Administration (core)
- AAS Degree in CIT Networking – Systems Administration (core)
- AAS Degree in CIT Software – Database (core)
- AAS Degree in CIT Software – Programming (core)
- AAS Degree in CIT Software - Web Development (core)

## Project+

According to CompTIA's [Project+ website](https://www.comptia.org/certifications/project) (<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 (PK0-004):

- 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 - Network Security (core)
- AAS Degree in CIT Networking – Network Administration (core)
- AAS Degree in CIT Networking – Systems Administration (core)
- AAS Degree in CIT Software – Database (core)
- AAS Degree in CIT Software – Programming (core)
- AAS Degree in CIT Software - Web Development (core)

**Note:** CIT 263 also fulfills a lower division core requirement for CSN's Bachelor of Applied Science in Project Management. See [Degree Requirements](http://catalog.csn.edu/preview_program.php?catoid=6&pooid=2822) ([http://catalog.csn.edu/preview\\_program.php?catoid=6&pooid=2822](http://catalog.csn.edu/preview_program.php?catoid=6&pooid=2822)) 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) (<https://www.comptia.org/certifications/security>), the Security+ skills include threats, attacks and vulnerabilities; identity and access management; technologies and tools; risk management; architecture and design; and cryptography and public key infrastructure (PKI).

The following class will prepare you for Security+ certification exam (SY0-601, launching Nov 2020):

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

## Costs

Fees for 100-200 level classes are

- about \$389 for 3-credit courses
- about \$514 for 4-credit courses

Fees for 300-400 level classes are

- about \$593 for 3-credit courses
- about \$787 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/tuition-fees) page (<https://www.csn.edu/tuition-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.

*Updated 27 August 2021 for the 2021-2022 Academic Year.*