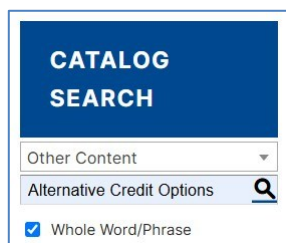# Prepare for Cisco Certifications

~ *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 **Cisco** 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 2025-2026 General Catalog (*https://catalog.csn.edu/*):

1. Select "Other Content" in the drop-down menu in the CATALOG SEARCH box.
2. Type "Alternative Credit Options" in Search Catalog.
3. Then click on the magnifying glass.
4. In the resulting Catalog Search page, scroll down to *Search Results*.
5. Click on the *Registrar* option.
6. Click on the *Alternative Credit Options* in the list of topics for the Registrar
7. Scroll down until you find the "Non-Traditional Education (NTE)" section.

Refer to the online 2025-2026 Catalog for

- Course Descriptions (*https://catalog.csn.edu/content.php?catoid=19&navoid=6603*)

- Degree Requirements (*https://catalog.csn.edu/content.php?catoid=19&navoid=6692*).

Contact Jay Jackson, Networking Program Director, for more information about these Cisco certifications.

CCNA - Cisco Certified Network Associate

According to Cisco's CCNA website (*https://learningnetwork.cisco.com/s/ccna*), the CCNA certification exam "tests your knowledge and skills related to
- Network fundamentals
- Network access
- IP connectivity
- IP services
- Security fundamentals
- Automation and programmability
- And new topics: generative AI, cloud network management, and machine learning"

The CCNA certification is earned by passing Exam 200-301 CCNA v1.1.

The following courses at CSN will prepare you for the CCNA exam:
- CSCO 120 CCNA Introduction to Networks
- CSCO 121 CCNA Switching, Routing, and Wireless Essentials (Prerequisite: CSCO 120)
- CSCO 220 CCNA Enterprise Networking, Security, and Automation (Prerequisite: CSCO 121)

Each of these three courses is 4 credits, and fulfill requirements for the following:
- AAS Degree in CIT Cyber Security - Network Security (CSCO 120, CSCO 121: cores; CSCO 220: elective)
- AAS Degree in CIT Networking – Network Administration (CSCO 120, CSCO 121, CSCO 220: cores)

Costs

Fees for 100-200 level classes are
- about $458 for 3-credit courses
- about $610 for 4-credit courses

Fees for 300-400 level classes are
- about $702 for 3-credit courses
- about $936 for 4-credit courses

For additional fees, such as those for online courses and for non-residents, go to the cashier's Tuition & 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.

Updated 17 August 2025 for the 2025-2026 Academic Year.