Prepare for AWS 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.

Contact Karen Ahern, Networking Program Director, for more information about this AWS certification.

AWS Certified Cloud Practitioner

According to AWS Certified Cloud Practitioner Exam Guide for CLF-C02 (*https://d1.awsstatic.com/training-and-certification/docs-cloud-practitioner/AWS-Certified-Cloud-Practitioner_Exam-Guide_C02.pdf*), "The AWS Certified Cloud Practitioner (CLF-C02) exam is intended for individuals who can effectively demonstrate overall knowledge of the AWS Cloud, independent of a specific job role."

The exam validates a candidate's ability to complete the following tasks:
- Explain the value of the AWS Cloud
- Understand and explain the AWS shared responsibility model
- Understand security best practices
- Understand AWS Cloud costs, economics, and billing practices
- Describe and position the core AWS services, including compute, network, database, and storage services
- Identify AWS services for common use cases

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

class at CSN will help you prepare for the Certified Cloud Practitioner certification:

- CIT 126 –Cloud Computing Fundamentals

CIT 126 fulfills a requirement for these degrees:

AWS Certified Solutions Architect— Associate

According to [AWS's Solutions Architect webpage](https://aws.amazon.com/certification/certified-solutions-architect-associate/) (*https://aws.amazon.com/certification/certified-solutions-architect-associate/*), this certification validates "your technical knowledge and skills across the breadth of AWS services." In particular, the exam focuses on "the design of cost and performance of optimized solutions."

The following class at CSN will help you prepare for this certification:

- CIT 288 – AWS Cloud Architecting (Prerequisites: CIT 112B and CIT 126.)

CIT 288 fulfills requirements for the following:

- AAS Degree in CIT Networking – Cloud Systems 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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