

CS, AI, and CIT Degrees and their Certification Opportunities

College of Southern Nevada
Computing & Information Technology Department
Academic Year: 2025–2026
Updated: 17 August 2025

AA Degree in Computer Science

- C++ Institute — C++ Certified Associate Programmer (CPA)
- Microsoft Office Specialist Associate (Office 365): Word, Excel, PowerPoint
- Note: With careful choices of electives, additional certifications may be possible. Contact the program director for guidance.

Certificate of Achievement in Computer Science

- C++ Institute — C++ Certified Associate Programmer (CPA)
- Microsoft Office Specialist Associate (Office 365): Word, Excel, PowerPoint
- Note: With careful choices of electives, additional certifications may be possible. Contact the program director for guidance.

Certificate of Achievement in Artificial Intelligence and Machine Learning

- PCEP™ - Certified Entry-Level Python Programmer

AAS Degree in CIT Cyber Security — Compliance

- AWS Certified Cloud Practitioner
- CompTIA Network+
- CompTIA Project+
- CompTIA Security+
- Microsoft 365 Administrator
- Microsoft 365 Certified: Endpoint Administrator Associate
- Microsoft Certified: Azure Administrator Associate
- Microsoft Office Specialist Associate (Office 365): Word, Excel, PowerPoint
- Red Hat Certified System Administrator (Linux)

AAS Degree in CIT Cyber Security — Digital Forensics

- AWS Certified Cloud Practitioner
- CompTIA A+
- CompTIA Network+
- CompTIA Project+
- Microsoft Office Specialist Associate (Office 365): Word, Excel, PowerPoint
- Red Hat Certified System Administrator (Linux)

AAS Degree in CIT Cyber Security — Network Security

- AWS Certified Cloud Practitioner
- CCNA - Cisco Certified Network Associate
- CompTIA Network+
- CompTIA Security+
- Microsoft Office Specialist Associate (Office 365): Word, Excel, PowerPoint
- Red Hat Certified System Administrator (Linux)

Certificate of Achievement in Cyber Security — Digital Forensics

- AWS Certified Cloud Practitioner
- CompTIA A+
- CompTIA Network+
- CompTIA Project+
- Microsoft 365 Certified: Endpoint Administrator Associate
- Microsoft Office Specialist Associate (Office 365): Word, Excel, PowerPoint

AAS Degree in CIT Networking — Cloud Systems Administration

- AWS Certified Cloud Practitioner
- AWS Certified Solutions Architect-Associate
- CompTIA A+
- CompTIA Network+
- CompTIA Security+
- Microsoft 365 Administrator
- Microsoft 365 Certified: Endpoint Administrator Associate
- Microsoft Certified: Azure Administrator Associate
- Microsoft Office Specialist Associate (Office 365): Word, Excel, PowerPoint
- Red Hat Certified System Administrator (Linux)

Certificate of Achievement in CIT Networking – Cloud Systems Administration

- AWS Certified Cloud Practitioner
- AWS Certified Solutions Architect - Associate
- CompTIA A+
- CompTIA Network+
- CompTIA Security+
- Microsoft 365 Certified: Endpoint Administrator Associate
- Microsoft Certified: Azure Administrator Associate
- Microsoft Office Specialist Associate (Office 365) Word, Excel, PowerPoint
- Red Hat Certified System Administrator (Linux)

AAS Degree in CIT Networking — Network Administration

- CCNA - Cisco Certified Network Associate
- CompTIA A+
- CompTIA Network+
- CompTIA Project+
- CompTIA Security+
- Microsoft 365 Certified: Endpoint Administrator Associate
- Microsoft Office Specialist Associate (Office 365): Word, Excel, PowerPoint
- PCEP™ - Certified Entry-Level Python Programmer
- Red Hat Certified System Administrator (Linux)

AAS Degree in CIT Software — Database

- CompTIA Network+
- CompTIA Project+
- Microsoft Office Specialist Associate (Office 365): Word, Excel, PowerPoint
- Oracle Database SQL Certified Associate
- Note: With careful choices of electives, additional certifications may be possible. Contact the program director for guidance.

AAS Degree in CIT Software — Programming

- C++ Institute - C Programming Language Certified Associate (CLA)
- C++ Institute - C++ Certified Associate Programmer (CPA)
- CompTIA Network+
- CompTIA Project+
- Java Certified Foundations Associate
- Microsoft Office Specialist Associate (Office 365): Word, Excel, PowerPoint
- PCAP™ - Certified Associate in Python Programming
- PCEP™ - Certified Entry-Level Python Programmer
- Note: With careful choices of electives, additional certifications may be possible. Contact the program director for guidance.

AAS Degree in CIT Software — Web Development

- CompTIA Network+
- CompTIA Project+
- Microsoft Office Specialist: Associate (Office 365): Word, Excel, PowerPoint
- Note: With careful choices of electives, additional certifications may be possible. Contact the program director for guidance.