

CS and CIT Degrees and Certification Opportunities

College of Southern Nevada
Computing & Information Technology Department
Academic Year 2023–2024
Updated 10 August 2023

Computer Science

AA Degree in Computer Science

- C++ Institute — C++ Certified Associate Programmer (CPA)
- C++ Institute — C++ Certified Professional Programmer (CPP)
- 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.

Cyber Security

AAS Degree in CIT Cyber Security — Compliance

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

AAS Degree in CIT Cyber Security — Network Security

- AWS Certified Cloud Practitioner
- Cisco Certified Network Associate
- CompTIA Network+
- CompTIA Security+
- Microsoft Office Specialist: Associate (Office 365): Word, Excel, PowerPoint

Certificate of Achievement in Cyber Security — Digital Forensics

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

Networking

AAS Degree in CIT Networking — Network Administration

- Cisco Certified Network Associate
- CompTIA A+
- CompTIA Network+
- CompTIA Project+
- CompTIA Security+
- Microsoft Office Specialist: Associate (Office 365): Word, Excel, PowerPoint
- Python Institute — Certified Entry-Level Python Programmer (PCEP)

AAS Degree in CIT Networking — Cloud Systems Administration

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

Software

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 Professional Programmer (CLP)
- C++ Institute — C++ Certified Associate Programmer (CPA)
- C++ Institute — C++ Certified Professional Programmer (CPP)
- CompTIA Network+
- CompTIA Project+
- Java Foundations Certified Associate (Oracle)
- Microsoft Office Specialist: Associate (Office 365): Word, Excel, PowerPoint
- Python Institute — Certified Entry-Level Python Programmer (PCEP)
- Python Institute — Certified Associate in Python Programming (PCAP)
- 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.

Information Management

Certificate of Achievement in Information Management — Network Infrastructure Analyst

- CCNP — Cisco Certified Network Professional Enterprise

Certificate of Achievement in Information Management — Software Analyst

- ISACA — Certified Information Systems Auditor (CISA)

Certificate of Achievement in Information Management — Virtual Computing Analyst

- VMware Certified Professional — Data Center Virtualization 2023