

# COMPUTER INFORMATION SYSTEMS

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The Computer Information Systems (CIS) program offers a range of certificate and an Associate in Applied Science (A.A.S) Degree, designed to equip students with industry-relevant skills. The program is a member of the CISCO, Red Hat Linux, CompTIA, Microsoft, and AWS Academies. This affiliation allows the curriculum to align with industry certifications, ensuring that graduates are prepared for certification exams, which are mandatory within the program. Students leave the program with a solid technology foundation and industry certification readiness, improving their job market prospects and workforce readiness.

The CIS program emphasizes hands-on experience through practical labs that supplement lectures. Students work in state-of-the-art computer labs, equipped with over 200 network-based workstations and specialized software environments, allowing them to engage with modern technology and develop essential technical skills.

Students interested in pursuing careers in Computer Information Systems or planning to transfer to a university are encouraged to consult with advisors from the Computer Technology Department for a well-planned curriculum strategy and seamless transfer of coursework.

The A.A.S. Cloud Computing degree is articulated with baccalaureate programs at Western Governors University. For more details, please contact the Computer Sciences & Technology Department.

## Computer Information Systems Certificates

The Computer Information Systems (CIS) program offers certificates designed to equip students with essential skills in areas such as network configuration, cloud infrastructure, system security, and Cisco device management. These programs provide a solid foundation for students to pursue careers in network administration, and cloud computing.

## Occupational Skills Awards

The Computer Information Systems (CIS) program offers a CISCO Administration Occupational Skills Award (OSA). This award is designed to complement the Network Administration certificates and can be earned either independently or while pursuing Certificate I or Certificate II in Network Administration.

## Degrees & Certificates

Cloud Computing, Associate of Applied Science (<https://catalog.laredo.edu/degree-programs-certificates/workforce-education/computer-information-systems/cloud-computing-associate-applied-science/>)

Cloud Computing, Certificate II (<https://catalog.laredo.edu/degree-programs-certificates/workforce-education/computer-information-systems/cloud-computing-certificate-ii/>)

Cloud Computing, Certificate I (<https://catalog.laredo.edu/degree-programs-certificates/workforce-education/computer-information-systems/cloud-computing-certificate-i/>)

Network Administration, Certificate II (<https://catalog.laredo.edu/degree-programs-certificates/workforce-education/computer-information-systems/network-administrator-certificateII/>)

Network Administration, Certificate I (<https://catalog.laredo.edu/degree-programs-certificates/workforce-education/computer-information-systems/network-administrator-certificateI/>)

CISCO Administration, Occupational Skills Award (<https://catalog.laredo.edu/degree-programs-certificates/workforce-education/computer-information-systems/cisco-administration-occupational-skills-award/>)

Networking Fundamentals, Occupational Skills Award (<https://catalog.laredo.edu/degree-programs-certificates/workforce-education/computer-information-systems/networking-fundamentals-occupational-skills-award/>)