

# CIT, CLOUD ADMINISTRATION, CERTIFICATE OF TECHNOLOGY



## overview

Are you fascinated by how technology is moving to the cloud? Have you ever wondered how businesses deliver their services from virtually anywhere in the world? If so, San Jacinto College's Cloud Administration Certificate of Technology can help you gain the in-demand skills needed to launch a successful career in the rapidly growing field of cloud computing. Our program teaches students to deploy, configure, secure, and maintain cloud-based infrastructure and services, setting them on the path to a fulfilling career in today's technology-driven marketplace.

The San Jacinto College Cloud Administration program:

- Develops core competencies in cloud environments, focusing on platforms such as Amazon Web Services (AWS), Microsoft Azure, and Google Cloud.
- Emphasizes hands-on experience with cloud provisioning, security best practices, and resource management.
- Teaches critical skills for monitoring, troubleshooting, and optimizing cloud infrastructures to meet business needs.
- Prepares students for industry certifications such as CompTIA Cloud +, AWS Certified Cloud Practitioner, AWS Certified Solutions Architect, Microsoft Azure Administrator, and more.

## Career opportunities

The Cloud Administration Certificate of Technology is an excellent entry point into further studies leading to a variety of cloud-focused careers, including:

- Cloud Systems Administrator
- Cloud Support Specialist
- Cloud Operations Technician
- Cloud Security Specialist
- Junior Cloud Architect

## Earning Potential

Cloud Systems Administrator (<https://www.salary.com/research/salary/recruiting/cloud-administrator-salary/houston-tx/>): \$130,530 per year<sup>1</sup>

Computer Network Support Specialist (<https://www.salary.com/research/salary/posting/computer-network-support-specialists-salary/houston-tx/>): \$123,135 per year<sup>1</sup>

Cloud Security Specialist (<https://www.salary.com/research/salary/position/cloud-security-specialist-salary/houston-tx/>): \$70,561 per year<sup>1</sup>

<sup>1</sup> Source: salary.com (<https://www.salary.com/>), average salary for Houston, Tx as of May 1, 2025

For more information, students may contact South Campus, 281-922-3424.

## Campus

South Campus