

CIT, SYSTEMS ADMINISTRATION, CERTIFICATE OF TECHNOLOGY



- IT Support Specialist
- Systems Administrator
- Server Support Technician
- Network Server Administrator

Graduates will find opportunities in industries that require advanced IT infrastructure and systems support, including healthcare, finance, government, and technology.

If your selected courses or program of study include clinical, practicum, externship, or cooperative learning components at external sites, you must meet all immunization or policy requirements outlined by the host facility. These requirements are determined by the external site's independent authority rather than by San Jacinto College. Failure to comply with these requirements can prevent you from completing your required external learning experiences and may delay graduation. Students seeking exemptions must address these directly with the external facility, as San Jacinto College does not process immunization exemptions.

By choosing the Systems Administration Certificate of Technology, you gain the advanced skills and hands-on training necessary to succeed in one of the most critical areas of IT. Whether you are looking to launch a new career or enhance your existing expertise, this program positions you for success in managing the systems that power modern organizations.

Information

The Systems Administration Certificate of Technology is designed for students seeking specialized skills to support, configure, and manage IT systems and server environments in today's complex technology landscape. This certificate can typically be completed in four semesters, and for students who already hold industry certifications such as CompTIA Server+, A+, or Network+, it may be possible to finish even sooner. It is generally recommended that students complete the 27-credit-hour Computer Information Technology (CIT) Foundations Certificate of Technology before enrolling in this program, as many of those courses provide essential groundwork and apply toward this certificate, as well as other CIT certificates, associate degrees, and bachelors degrees.

The Systems Administration Certificate of Technology equips students with advanced technical knowledge and hands-on experience essential for roles involving system and network administration, server management, and IT project coordination. This certificate places special emphasis on:

- Configuring and maintaining IT systems and servers to ensure reliable performance and scalability.
- Supporting network server infrastructure by learning to manage complex environments with a focus on security and optimization.
- Implementing virtualization technologies to maximize resource efficiency in data centers and IT environments.
- Gaining experience in IT project management and incident response, preparing students to manage and resolve real-world IT challenges effectively.
- Preparing for industry-recognized certifications, including CompTIA Server+, Microsoft Certified: Azure Administrator Associate, and Cisco CCNA.

The Systems Administration Certificate of Technology provides a direct path to a variety of IT careers. Upon completion, students may qualify for positions such as: