

COMPUTER INFORMATION SYSTEMS

THE PROGRAM

The Computer Information Systems program at South Plains College emphasizes technology and information systems as they apply in any workplace and trains students to enter the high-demand technology job markets as networking specialists, PC technicians, web design specialists, systems specialists, and programmers. Graduates of our program have found jobs in educational institutions, government and civic organizations, finance, law enforcement, and industrial and business-related companies. An advisory committee of industry leaders helps faculty keep CIS programs up to date so that graduates leave the program with the skills and knowledge expected in today's workplace. Many of the classes are offered online, and traditional classes are offered on the Levelland Campus and at the Lubbock Career and Technical Center. Whatever your needs, there are CIS courses that will work with your schedule and goals. The South Plains College CIS program is a CompTIA Authorized Academy and Cisco Networking Academy partner.

ASSOCIATE DEGREES AND CERTIFICATE OPTIONS

The Computer Information Systems program provides students with one associate degree and four certificate options. Depending on what path our majors want to follow, they can expect their degree plan to include:

- *Personal Computing Hardware*
- *Client Operating Systems*
- *Operating Systems Setup and Security*
- *Virtualization Systems*
- *Linux Installation and Configuration*
- *Information Systems Technologies*
- *Fundamentals of Networking Technology*
- *Networking Hardware*
- *Network Defense and Countermeasures*
- *Intrusion Detection*
- *Implementing and Supporting Servers*
- *Introduction to Computer Programming*
- *Beginning Web Programming*
- *Advanced Web Programming*
- *Web Authoring*
- *Advanced Spreadsheets and Databases*

ASSOCIATE OF APPLIED SCIENCE

This is a two-year degree that consists of 60 semester hours. Students will take a range of technology courses from each of the disciplines (network administration, systems administration, and programming) as well as general education courses that will provide the student with broad-based skills and knowledge.

CIS TECHNICIAN CERTIFICATE

This certificate program is designed to prepare students for entry-level positions in the computer technology industry. Students will receive instruction in industry-standard computer applications, set-up and management of personal computer operation systems, personal computer assembly and configuration, network administration, and network security. Students will be prepared to take the CompTIA A+ certification exam. This is a TSI-waived certificate.

PROGRAMMING CERTIFICATE

This one-year curriculum in Programming Certification is designed to train students to use current software development techniques to program web sites, applications, and databases. Students who satisfactorily complete the curriculum will receive a Certificate of Proficiency. Students working toward this certificate must complete courses with a grade of "C" or better. This is a TSI-waived certificate.

NETWORK ADMINISTRATION CERTIFICATE

This certificate program is a one-year curriculum designed to train students to use current network operation systems, network applications and network related hardware. In addition, network design, administration, installations, and maintenance will be emphasized. To qualify for this certificate, students must complete courses with a grade of "C" or better. Students will be prepared to take the CompTIA Network+ and Cisco CCNA certification exams. This is a TSI-waived certificate.

SYSTEMS ADMINISTRATION CERTIFICATE

This one-year certificate will train students to understand cloud and server concepts, computer virtualization, and cloud infrastructure. Students will work with Microsoft Azure, Windows server, and Windows/Linux client operating systems. Students will be prepared to take CompTIA Cloud+ and Microsoft Azure Fundamentals and Administrator certification exams. Students who satisfactorily complete the curriculum will receive a Certificate of Proficiency. This is a TSI-waived certificate.



TRANSFERRING TO A UNIVERSITY

The CIS program at South Plains College has articulation agreements with many area universities. For more information on transfer options, please speak with a CIS advisor.

FOR MORE INFO:

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Prospective Students: You may view SPC's Annual Security Report and Fire Safety Report online at <http://www.southplainscollege.edu/about/campussafety/campussafety.php>. Printed copies are available upon request from the Vice President of Student Affairs, 806.716.2360. This contact information should only be used to obtain these reports.

South Plains College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Vice President for Student Affairs • South Plains College • 1401 College Avenue, Box 5 • Levelland, TX 79336 • 806.716.2360