



SAC Moody Learning Center

At **San Antonio College**, the Information Technology (IT) courses within the Computer Information Systems (CIS) department are meticulously designed to cultivate skills highly sought after by employers in both the public and private sectors. The educational approach is grounded in instructional techniques that prioritize hands-on activities involving computer hardware, software, and systems. This practical engagement is intended to provide students with a deep understanding of their professional responsibilities and the essential skills required in the occupational landscape.

The goal of the programs is to foster occupational competency, ensuring that students can apply their acquired skills with minimal supervision, swiftly adapt to various computer equipment, effectively prepare and communicate necessary

documentation, and continually enhance their skills to master new and specialized techniques as demanded by the evolving IT field.

Students aiming for a degree or certificate in Computer Programming will delve into key programming languages like Java, C++, Visual Basic.NET, SQL, PHP, and Linux, along with web development skills using HTML and JavaScript. Those targeting careers as Computer Support Specialists will learn to support users across diverse operating systems and hardware in networked settings.

In the Computer Network Administration track, students will develop network and system administration capabilities for Windows and Linux systems, also working towards A+, CISCO CCNA, Microsoft Windows Server, and Linux+ certifications. The Information Assurance and Cyber Security program further provides in-depth knowledge in securing networks and systems, focusing on firewalls, intrusion detection, forensics, and TCP/IP to equip students for tackling advanced security challenges.

DESIGNATIONS

- CAE-Cyber Defense

CONTACT INFORMATION

Kim Muschalek
kmuschalek@alamo.edu

Troy Touchette
ttouchette@alamo.edu

alamo.edu/sac | alamo.edu/sac/cis



San Antonio College Entrance