

# INFORMATION TECHNOLOGY, CERTIFICATE OF COMPLETION

## Program Description

The **Information Technology Certificate of Completion** is designed for students who want to develop practical skills in computer systems, networking, and technical support. This program introduces students to the foundational technologies used to manage and maintain modern information systems across a wide range of organizations.

Students learn the basics of computer hardware, operating systems, networking, and troubleshooting while developing problem-solving and technical support skills. Coursework emphasizes hands-on learning and the practical application of information technology tools used in professional environments.

This certificate can serve as a standalone credential for students seeking entry-level technical skills or as a complement to degree programs in computer science, information technology, or related computing fields.

prepares students for industry-recognized certifications, enhancing their qualifications and career prospects.

Code	Title	Credit Hours
CSIT 144	Introduction to Operating System Using Unix	3
CSIT 200	Information Security Fundamentals	3
CSIT 185	Networking I	3
CSIT 145	Computing Fundamentals	3
CSIT 243	Cisco Networking Fundamentals	3
CSIT 277	Introduction to Cloud Computing	4
<b>Total Credit Hours</b>		<b>19</b>

## Transfer Information

The Information Technology Certificate may complement the Associate in Science in Computer Science or related technology programs. Students interested in continuing their education are encouraged to consult with faculty and Advising & Transfer Services to determine how certificate coursework may support their academic and career goals.

Students may also pursue industry-recognized certifications to strengthen their career opportunities in information technology.

## Career Information

The Information Technology Certificate prepares students for entry-level roles in technology support and computer systems management.

Potential career paths include:

- IT Support Specialist
- Help Desk Technician
- Computer Support Technician
- Network Support Technician
- Systems Support Assistant

Students are encouraged to consult with faculty and Career Services to explore certification pathways, internships, and employment opportunities in information technology.

The Certificate of Completion in Information Technology equips students with essential skills for a successful career in IT. The program offers a comprehensive curriculum, covering key areas such as hardware, software, operating systems, information security, networking (CCNA), computing fundamentals, and cloud computing. Students will gain a solid understanding of computing architecture, hardware components, operating system functions, networking principles, cybersecurity practices, and cloud infrastructures. Additionally, the certificate