

COMPUTERS AND INFORMATION TECHNOLOGY (CERT.) (30 CREDITS)

Program credit weight: 30

Program Description

The Certificate in Computers and Information Technology focuses on the development of higher-level computer qualifications. It provides a solid foundation in the concepts and techniques required for the effective planning, design, and development of software applications and systems, Internet technologies, applied computer knowledge, and networking. The program is designed to develop the skills necessary to assume positions in the fields of information technology, technical support, systems administrator, computer support consulting, and help-desk analysis.

Note: For information about Fall 2025 and Winter 2026 course offerings, please check back on May 8, 2025. Until then, the "Terms offered" field will appear blank for most courses while the class schedule is being finalized.

Required Courses (30 credits)

Expand allContract all

Course	Title	Credits
CCCS 280	Introduction to Computer Information Systems.	3
CCCS 300	Programming Techniques 1.	3
CCCS 310	Web Development.	3
CCCS 315	Data Structures and Algorithms.	3
CCCS 321	Operating Systems Administration.	3
CCCS 325	Mobile Application Development.	3
CCCS 330	Database Design and Business Applications Development.	3
CCCS 425	Web Services.	3
CCCS 431	Networking Fundamentals.	3
CMIS 422	Information System Security.	3