

The IT Support Specialist program at Cerritos College is designed to prepare students for a career in the information industry, aiming to provide students opportunities for career change or advancement. Graduates of the program will have a good understanding of the current personal computing devices and commonly used operating systems, and will be equipped with the knowledge and skills needed to install hardware and software on various devices, and to troubleshoot common technical issues. There are no prerequisite skills or enrollment limitations for this program. The graduates of the program may have possible career opportunities include entry level technical support, computer technician, technical sales, etc. However, such opportunities and compensations are largely subject to the condition of the economy, employers' discretion, job applicants' prior experience, and evaluations of the applicants' overall qualifications. For students who plan to transfer to a baccalaureate institution, they may choose to major in the following fields, such as: computer science, computer engineering, information technology management, business information systems, etc. for their bachelor's degree. It's highly recommended that students meet with a counselor for specific transfer requirements by the respective baccalaureate institution. During the study in the program, students may also have the option to pursue IT industry certifications, such as Apple Certified Support Professional (ACSP), CompTIA IT Fundamentals, CompTIA A+, Microsoft Technology Associate (MTA). Please note students are responsible for the associated costs for these certification exams, which are not included in the courses offered at the college.

CERTIFICATE OF ACHIEVEMENT

PROGRAM REQUIREMENTS (CORE)

Required Courses		Units
CIS 58A	PC Operating Systems A+ Certification	3.5
CIS 58B	PC Core Hardware A+ Certification	3.5
CIS 200A	Apple Mac OS Support Essentials	3.5
CIS 212	Introduction to MS Windows Admin	3.5
CIS 214	Unix and Linux Operating Systems	3.5

TOTAL CERTIFICATE REQUIREMENTS **17.5**



RECOMMENDED STUDY PLAN

CERRITOS
COLLEGE

SEMESTER 1 (FOUNDATIONS)

Course #	Course Name	Units
CIS 58A (1st 9-week)	PC Operating Systems A+ Certification	3.5
CIS 58B (2nd 9-week)	PC Core Hardware A+ Certification	3.5
CIS 170A (1st 9-week) or Summer	Networking Fundamentals	3.5
CIS 212	Introduction to MS Windows Admin	3.5
CIS 214	Unix and Linux Operating Systems	3.5

SEMESTER 2

Course #	Course Name	Units
CIS 170E	Router Configurations and Protocol	3.5
CIS 200A	Apple Mac OS Support Essentials	3.5
CIS 213F	Microsoft Windows Server Administration	3.5

After successful completion of these courses, students will be eligible for the **Certificate of Achievement in IT Support Specialist** and **Certificate of Achievement in Network/Systems Administration**.

If students are interested in Cloud Computing certificate, they may take the following two courses in the semester.

CIS 171A (1st 9-week)	Introduction to Cloud Computing	3.0
CIS 171B (2nd 9-week)	Amazon Web Services-Data Storage	3.0



COMPUTER AND INFORMATION SCIENCE

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