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Computer Support Specialist - CERT A

Semester-by-Semester Pathway

A Certificate is outlined coursework that is designed to prepare a student to head out into the workforce in a short timeframe or for career advancement. This certificate totals 29 credit hours. Consult with an advisor for more information. Not all courses are offered each semester.

( ) are Systemwide Transfer Courses

(★) are recommended for this degree pathway.

Semester 1 - Fall				
Complete	**Course ID**	**Course Title**	**Credit Hours**	**Notes**
Required Courses				
	IS104	Microcomputer Applications	3.00	Fall 2026, Spring 2027, Summer 2027
	IS135	Essentials of Web Interaction	2.00	Fall 2026, Spring 2027, Summer 2027
	IS148	CompTIA A+ Core 1	3.00	Fall 2026, Spring 2027
Electives				
	Computer Support Specialist Technical Electives		3.00	
	IS182 Cisco CCNA I or IS212 Networking I		3.00	
		Semester Total:	**14.00**	

Semester 2 - Spring				
Complete	**Course ID**	**Course Title**	**Credit Hours**	**Notes**
Required Courses				
	CS111	Introduction to Programming	3.00	Fall 2026, Spring 2027, Summer 2027
	IS100	Cybersecurity Application	3.00	Fall 2026, Spring 2027, Summer 2027
	IS149	CompTIA A+ Core 2	3.00	Fall 2026, Spring 2027 Prereq: IS148 CompTIA A+ Core 1 with grade of C or better.
	IS224	Networking II	3.00	Fall 2026, Spring 2027 Prereq: IS182 Cisco CCNA I/Networking I.
Electives				
	Computer Support Specialist Technical Electives		3.00	
		Semester Total:	**15.00**	

Total Credits: 29.00

*Semester offerings reflect the current academic year.

Computer Support Specialist Technical Electives			
Course ID	**Course Title**	**Credit Hours**	**Notes**
AR134	Introduction to Digital Imagery--Photoshop	3.00	
AR135	Advanced Digital Imagery--Photoshop	3.00	Prereq: AR134 Introduction to Digital Imagery, or JP118 Introduction to Digital Imagery.
BU120	Job Search/Retention	1.00	Fall 2026, Spring 2027, Summer 2027
CS106	Computer Engineering	4.00	Fall 2026, Spring 2027
CS121L	Programming Language Lab	1.00	Fall 2026, Spring 2027 Prereq: CS111 Intro to Programming, or CS200 Problem Solving and Programming.
CS200	Problem Solving and Programming	4.00	Fall 2026, Spring 2027 Prereq: MA106 College Algebra, or Departmental Consent, and CS111 Intro to Programming.
CS203	Discrete Structures	3.00	Fall 2026, Spring 2027 Prereq: MA106 College Algebra with a grade of C or higher.
IS105	Advanced Microcomputer Applications	3.00	Fall 2026 Prereq: IS104 Microcomputer Applications.
IS113	Desktop Publishing	3.00	Spring 2027
IS120	Vector Graphics	3.00	Fall 2026
IS137	Website Ethics and Security	3.00	Fall 2026, Spring 2027
IS225	Website Coding	2.00	Fall 2026, Spring 2027 Prereq: IS135 Essentials of Web Interaction, or Departmental Consent.
IS228	Database Structures	3.00	Fall 2026, Spring 2027
IS235	Elements of Linux	3.00	Fall 2026, Spring 2027
IS237	Server Operating Systems and Virtualization	3.00	Fall 2026, Spring 2027 Prereq: IS235 Elements of Linux, or Departmental Consent, and IS182 Cisco CCNA I/Networking I.
IS240	Fundamentals of Network Security	3.00	Fall 2026, Spring 2027 Prereq: IS182 Cisco CCNA I/Networking I & IS224 Networking II, or Departmental Consent, and IS184 Cisco CNA III, or IS183 Cisco CCNA II.
IS250	Project Management	3.00	Spring 2027
IS264	JavaScript	3.00	Fall 2026, Spring 2027 Prereq: IS225 Website Coding.
JP118	Introduction to Digital Imagery--Photoshop	3.00	Fall 2026, Spring 2027
JP119	Advanced Digital Imagery--Photoshop	3.00	Spring 2027 Prereq: AR134 Introduction to Digital Imagery, or JP118 Introduction to Digital Imagery.
PS101	Human Relations	3.00	Fall 2026, Spring 2027, Summer 2027
TR120	Work Ethics	2.00	Fall 2026, Spring 2027

IS182 Cisco CCNA I or IS212 Networking I			
Course ID	**Course Title**	**Credit Hours**	**Notes**
IS182	Cisco CCNA I/Networking I	3.00	Fall 2026, Spring 2027, Summer 2027