Computer Support Specialist

Degree 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.

(⊤) are Systemwide Transfer Courses

(★) are recommended for this degree pathway.

Required Courses			
Course ID	**Course Title**	**Credit Hours**	**Notes**
CS111	Visual Basic Programming ⊤	3.00	Fall, Spring, Summer
IS100	Cybersecurity Application	3.00	Fall, Spring, Summer
IS104	Microcomputer Applications ⊤	3.00	Fall, Spring, Summer
IS135	Essentials of Web Interaction	2.00	Fall, Spring, Summer
IS148	CompTIA A+ Core 1	3.00	Fall, Spring
IS149	CompTIA A+ Core 2	3.00	Fall, Spring Prereq: IS148 CompTIA A+ Core 1 with grade of C or better.
IS224	Networking II	3.00	Fall, Spring Prereq: IS182 Cisco CCNA I/Networking I.
Electives			
Course ID	**Course Title**	**Credit Hours**	**Notes**
Computer Support Specialist Technical Electives		**6.00**	
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, Spring, Summer
CS106	Computer Engineering	4.00	Fall, Spring
CS121L	Programming Language Lab	1.00	Fall, Spring Prereq: CS111 Visual Basic Programming, or CS200 Problem Solving and Programming.
CS200	Problem Solving and Programming ⊤	4.00	Fall, Spring Prereq: MA106 College Algebra, or Departmental Consent, and CS111 Visual Basic Programming.
CS203	Discrete Structures	3.00	Spring Prereq: MA106 College Algebra with a grade of C or higher.
IS105	Advanced Microcomputer Applications	3.00	Fall Prereq: IS104 Microcomputer Applications.
IS113	Desktop Publishing	3.00	Spring
IS120	Vector Graphics	3.00	Fall
IS137	Website Ethics and Security	3.00	Fall, Spring
IS225	Website Coding	2.00	Fall, Spring Prereq: IS135 Essentials of Web Interaction, or Departmental Consent.
IS228	Database Structures	3.00	Fall, Spring
IS235	Elements of Linux	3.00	Fall, Spring
IS237	Server Operating Systems and Virtualization	3.00	Fall, Spring Prereq: IS235 Elements of Linux, or Departmental Consent, and IS182 Cisco CCNA I/Networking I.

IS240	Fundamentals of Network Security	3.00	Fall, Spring 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
IS264	JavaScript	3.00	Fall, Spring Prereq: IS225 Website Coding.
JP118	Introduction to Digital Imagery--Photoshop	3.00	Fall, Spring
JP119	Advanced Digital Imagery--Photoshop	3.00	Spring Prereq: AR134 Introduction to Digital Imagery, or JP118 Introduction to Digital Imagery.
PS101	Human Relations	3.00	Fall, Spring, Summer
TR120	Work Ethics	2.00	Fall, Spring
IS182 Cisco CCNA I or IS212 Networking I		**3.00**	
IS182	Cisco CCNA I/Networking I	3.00	Fall, Spring, Summer

Total Credits: **29.00**