



Information Technology Systems/Computer Support Specialist

Student Learning Outcomes

- 1 Communication- The student will demonstrate the ability to communicate effectively using written and/or oral communication.
- 2 Information Literacy- The student will recognize when information is needed and have the ability to locate, evaluate, and use effectively the needed information.
- 3 Problem Solving- The student will demonstrate the ability to analyze information and solve problems.
- 4 Workplace Skills - Demonstrates a mastery of workplace skills/soft skills, exhibits initiative, adapts to varied situations

Program Outcomes

- 1 The student will demonstrate the ability to manage, troubleshoot and repair information technology hardware.
- 2 The student will demonstrate an understanding of various operating systems.
- 3 The student will be able to analyze the status of computer networks, support computer networks, and manage a network implementation project.
- 4 The student will demonstrate the ability to provide end-user support.
- 5 The student will demonstrate the ability to solve information technology problems.
- 6 The student will demonstrate the necessary customer service skills as an IT professional.
- 7 Student will demonstrate the knowledge of how to work at the command line level.

Fall

Course #	Course Title	Credits	Function
INF 105	CompTIA A+ Core 1	3	Technical Studies
INF 110	CompTIA A+ Core 2	3	Technical Studies
INF 112	Network Essentials	3	Technical Studies
INF 139	Cybersecurity Essentials	3	Technical Studies
MTH	Math Elective*	3	General Studies

Spring

Course #	Course Title	Credits	Function
INF 115	Network+ Part I	3	Technical Studies
INF 116	Network+ Part II	3	Technical Studies
INF 120	Security+	3	Technical Studies
INF 134	Server +	3	Technical Studies
ENG 101	Composition I*	3	General Studies

Summer

Course #	Course Title	Credits	Function
INF 164	Switching, Routing, and Wireless Essentials	3	Technical Studies
INF 167	Enterprise Networking, Security, and Automation	3	Technical Studies
	Communication Elective *	3	General Studies

Fall

Course #	Course Title	Credits	Function
INF 144	Virtualization	3	Technical Studies
INF 142	Cloud+	3	Technical Studies
INF 172	Multi-Cloud Networking	3	Technical Studies
INF	Information Systems Elective**	3	Elective

Spring

Course #	Course Title	Credits	Function
INF	Experiential Learning Electives***	3	Technical Studies
INF	Information Systems Electives**	3	Elective
	Social Science Elective*	3	General Studies
CED 115	Computer Applications*	3	General Studies

****Information Systems Electives**

Course #	Course Title	Credits	Function
INF 113	Introduction to Programming		Elective
INF 136	Introduction to PowerShell		Elective
INF 154	Ethical Hacker		Elective
INF 160	Server Security		Elective
INF 165	Advanced Cyber Security		Elective
CLD 138	Object-Oriented Programming (Python)		Elective
CLD 168	AWS Cloud Practitioner		Elective

*****Experiential Learning**

Course #	Course Title	Credits	Function
INF 174	Information Technology Capstone		Elective
INF 175	Information Technology Internship		Elective

*** Kansas Systemwide General Education****Technical Certificate, Computer Support Specialist (Cert B)****Total Credits 42****Fall**

Course #	Course Title	Credits	Function
INF 105	CompTIA A+ Core 1	3	Technical Studies
INF 110	CompTIA A+ Core 2	3	Technical Studies
INF 112	Network Essentials	3	Technical Studies
INF 139	Cybersecurity Essentials	3	Technical Studies

Spring

Course #	Course Title	Credits	Function
INF 115	Network+ Part I	3	Technical Studies
INF 116	Network+ Part II	3	Technical Studies
INF 120	Security+	3	Technical Studies
INF 134	Server +	3	Technical Studies

Fall

Course #	Course Title	Credits	Function
INF 164	Switching, Routing, and Wireless Essentials	3	Technical Studies
INF 167	Enterprise Networking, Security, and Automation	3	Technical Studies

INF	Experiential Learning***	3	Elective
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Spring

Course #	Course Title	Credits	Function
INF 142	Cloud+	3	Technical Studies
INF 144	Virtualization	3	Technical Studies
INF 172	Multi-Cloud Networking	3	Technical Studies

***Experiential Learning

Course #	Course Title	Credits	Function
INF 174	Information Technology Capstone		Elective
INF 175	Information Technology Internship		Elective

Technical Certificate, Computer Support Specialist (Cert A)

Total Credits 18

Fall

Course #	Course Title	Credits	Function
INF 105	CompTIA A+ Core 1	3	Technical Studies
INF 110	CompTIA A+ Core 2	3	Technical Studies
INF 112	Network Essentials	3	Technical Studies

Spring

Course #	Course Title	Credits	Function
INF 115	Network+ Part I	3	Technical Studies
INF 116	Network+ Part II	3	Technical Studies
INF 139	Cybersecurity Essentials	3	Technical Studies