

INFORMATION TECHNOLOGY SYSTEMS



The Computer Support Program prepares individuals to provide technical assistance, support, and advice to computer users to help troubleshoot software and hardware problems. Include instruction in computer concepts, information systems, networking, operating systems, security, cloud computing, computer hardware, the Internet, software applications, help desk concepts, problems solving and principles of customer service.

DEGREE AND CERTIFICATE OPTIONS	LENGTH	COST	AVERAGE WAGE	EXAMPLE JOB TITLES
AAS Degree, Computer Support Specialist	4-6 Semesters	\$14,527	Coming Soon	♦ Computer Network Support Specialist
Technical Certificate A. Computer Support Specialist	2-4 Semesters	\$3,960		♦ Information Security Analyst
Technical Certificate, Computer Support Specialist	3-6 Semesters	\$10,813		♦ Service Desk Analyst
AAS Degree, CSS with emphasis in Cybersecurity	4-6 Semesters	\$14,413		♦ IT Help Desk Technician
Technical Certificate, CSS with emphasis in Cybersecurity	3-6 Semesters	\$10,699		♦ Technical Support

PROGRAM CONTACTS:

Kaleb Talkington

Admissions Counselor

ktalkington@wsutech.edu

<https://wsutechadvising.as.me/Kaleb>

Thalia Sanchez

Program Advisor

tsanchez@wsutech.edu

<https://wsutechadvising.as.me/Thalia>

WHY CHOOSE COMPUTER SUPPORT?

- ♦ State-of-the-art facilities and equipment
- ♦ Full time and part time class options
- ♦ Hands on experience through projects, labs, and real world application
- ♦ Collaborations with Industry Partners
- ♦ Prepares students for certifications needed for industry

LOCATION INFORMATION

- ♦ IT classes are located at WSU Tech South- 3821 E. Harry, Wichita, KS 67218
- ♦ General Education Classes: Times vary-Online or WSU South Campus-3821 E Harry, Wichita KS 67218
- ♦ Advising/Financial Aid: WSU Tech South- 3821 E Harry, Wichita, KS 67218

Rev. 02/18/2025

PROGRAM FLOW

Semester 1

Course Number	Course Title	Credit Hours	CSS Tech Cert. A	CSS Tech Cert. B	CSS/Cyber Security Tech Cert.	CSS AAS	CSS/Cybersecurity AAS
INF 105	CompTIA+ Core I	3	X	X	X	X	X
INF 110	CompTIA+ Core II	3	X	X	X	X	X
INF 112	Network Essentials	3	X	X	X	X	X
INF 139	Cybersecurity Essentials	3		X	X	X	X
MTH	Math Elective	3				X	X
		Total	9	12	12	15	15

Semester 2

Course Number	Course Title	Credit Hours	CSS Tech Cert. A	CSS Tech Cert. B	CSS/Cyber Security Tech Cert.	CSS AAS	CSS/Cybersecurity AAS
INF 115	Network+ Part I	3	X	X	X	X	X
INF 116	Network+ Part II	3	X	X	X	X	X
INF 120	Security+	3		X	X	X	X
INF 139	Cybersecurity Essentials	3	X				
INF 134	Server+	3		X	X	X	X
ENG 101	Composition I	3				X	X
		Total	9	12	12	15	15

Semester 3

Course Number	Course Title	Credit Hours	CSS Tech Cert. A	CSS Tech Cert. B	CSS/Cyber Security Tech Cert.	CSS AAS	CSS/Cybersecurity AAS
INF 164	Switching, Routing, Wiring Essentials	3		X		X	
INF 167	Enterprise Networking, Security & Automation	3		X		X	
INF 160	Server Security	3			X		X
INF 165	Advanced Cyber Security	3			X		X
INF	Experiential Learning Elective			X	X		
SPH	Communication Elective	3				X	X
		Total		9	9	9	9

Semester 4

Course Number	Course Title	Credit Hours	CSS Tech Cert. A	CSS Tech Cert. B	CSS/Cyber Security Tech Cert.	CSS AAS	CSS/Cybersecurity AAS
INF 144	Virtualization	3		X		X	
INF 142	Cloud+	3		X		X	
INF 172	Multi-Cloud Networking	3		X		X	
INF 113	Intro to Programming	3			X		X
INF 136	Intro to PowerShell	3			X		X
INF 154	Ethical Hacker	3			X		X
INF/CLD	Information Systems Elective	3				X	X
		Total		9	9	12	12

Options for the Electives—15 credit hours required

PROGRAM FLOW

Semester 5

Course Number	Course Title	Credit Hours	CSS Tech Cert. A	CSS Tech Cert. B	CSS/ Cyber Security Tech Cert.	CSS AAS	CSS/ Cybersecurity AAS
INF	Experiential Learning Elective	3				X	X
INF/CLD	Information Systems Elective	3				X	X
CED 115	Computer Applications	3				X	X
	Social Science Elective	3				X	X
Total		9				12	12

Computer Support Specialist– Information Systems Electives

Course Number	Course Title
INF 113	Intro to Programming
INF 136	Intro to PowerShell
INF 154	Ethical Hacker
INF 160	Server Security
INF 165	Advanced Cyber Security
CLD 168	AWS Cloud Practitioner
CLD 138	OOP Python

Computer Support Specialist Emphasis in Cyber Security– Information Systems Electives

Course Number	Course Title
INF 127	Linux
INF 142	Cloud+
INF 144	Virtualization
INF 172	Multi-Cloud Networking
INF 164	Switching, Routing, & Wireless Essentials
INF 167	Enterprise Networking, Security , & Automation
CLD 168	AWS Cloud Practitioner
CLD 138	OOP Python

Experiential Learning

Course Number	Course Title
INF 174	Information Technology Capstone
INF 175	Information Technology Internship

CLOUD COMPUTING/ CLOUD APPLICATION DEVELOPMENT



A program designed to equip students with the skills needed to review software programming languages, manage cloud-based applications, websites, front-end, back-end, and full stack development. This program provides hands-on experiences utilizing industry recognized program scripting and cloud platform tools.

DEGREE AND CERTIFICATE OPTIONS	LENGTH	COST	AVERAGE WAGE	EXAMPLE JOB TITLES
AAS Degree, Cloud Computing/Cloud Application Development	4-6 Semesters	\$13,924	Coming Soon	♦ Web Developer ♦ Cloud Application Analyst ♦ Software Quality Assurance
Technical Certificate, Cloud Computing/Cloud Application Development	3-6 Semesters	\$12,709		
Technical Certificate- Cloud Programming / Cloud Application Development	2-4 Semesters	\$4,391		

PROGRAM CONTACTS:

Kaleb Talkington

Admissions Counselor

ktalkington@wsutech.edu

<https://wsutechadvising.as.me/Kaleb>

Thalia Sanchez

Program Advisor

tsanchez@wsutech.edu

<https://wsutechadvising.as.me/Thalia>

WHY CHOOSE CLOUD?

- ♦ State-of-the-art facilities and equipment
- ♦ Hands on experience through projects, labs, and real world application
- ♦ Collaboration with industry partners
- ♦ Students gain hands-on experience through projects, labs, and real-world applications, preparing them for the workforce with skills that are in high demand

LOCATION INFORMATION

- ♦ IT classes are located at WSU Tech South- 3821 E. Harry, Wichita, KS 67218
- ♦ General Education Classes: Times vary-Online or WSU South Campus-3821 E Harry, Wichita KS 67218
- ♦ Advising/Financial Aid: WSU Tech South- 3821 E Harry, Wichita, KS 67218

Rev. 05/08/2025

Careers start here.

www.WSUTECH.edu



PROGRAM FLOW

Semester 1					
Course Number	Course Title	Credit Hours	Cloud Programming– TC	TC	AAS
CLD 113	Introduction to Python	3	X	X	X
CLD 118	Cloud Fundamentals	3	X	X	X
CLD 138	Objective-Oriented Programming Python	3	X	X	X
CLD 168	AWS Cloud Practitioner	3		X	X
MTH	Math Elective*				X
		Total	9	12	15

Semester 2					
Course Number	Course Title	Credit Hours	Cloud Programming– TC	TC	AAS
CLD 121	Objective-Oriented Programming JavaS-script	3	X	X	X
CLD 126	Test Driven Development JavaScript	3	X	X	X
CLD 137	C# Programming Language	3	X	X	X
CLD 141	Test Driven Python	3		X	X
ENG 101	Composition I	3			X
		Total	9	12	15

Semester 3				
Course Number	Course Title	Credit Hours	TC	AAS
CLD 122	Introduction to Web Development	3	X	X
CLD/INF	Cloud Computing Elective	3	X	X
	Communication Elective	3		X
		Total	6	9

Semester 4				
Course Number	Course Title	Credit Hours	TC	AAS
CLD 143	Web Application Dev I (HTML/CSS)	3	X	X
CLD 152	Web Application Development II (REACT)	3	X	X
CLD 166	Cloud Application Development I (React on AWS)	3	X	X
CLD 170	Cloud Application Development II (React on AWS)	3	X	X
		Total	12	12

Semester 5				
Course Number	Course Title	Credit Hours	TC	AAS
CLD	Experiential Learning Elective	3	X	X
CLD/INF	Cloud Computing Elective	3	X	X
	Social Science Elective	3		X
	Humanities Elective	3		X
		Total	3	12

PROGRAM FLOW

Cloud Computing Electives	
Course Number	Course Title
CLD 129	Programming Foundations (Swift iOS)
CLD 137	C# Programming Language
CLD 141	Test Driven Development (Python)
CLD 147	Website Production & Management (Word Press)
CLD 158	Multi-Cloud Development Services
CLD 169	Machine Learning & AI Foundations with Predictive Analytics
INF 105	CompTIA+ Core I
INF 112	Network Essentials

Experiential Learning	
Course Number	Course Title
CLD 174	Cloud Capstone
CLD 175	Information Technology Internship