Highland Community College - Program Information

Associate of Applied Science (AAS)

Computer Support Specialist (full-time)

Effective Date 08/15/2025

This map provides a guide to completing a certificate program or an associate degree. Completion is subject to pre-requisite requirements and availability of the program/courses by location.

1st Sem	COURSE	CREDITS	SGE	COMPLETED
CST107	Intro to Computers and Applications	3		☐
CST115	PC Troubleshooting Lab	1		☐
CST124	PC Troubleshooting Essentials	2		☐
CST106	Networking Fundamentals: CCNA 1	3		☐
Gen Ed Course	Composition I or Technical Composition	3	010	☐
Total Credits		**12**		

2nd Sem	COURSE	CREDITS	SGE	COMPLETED
CST159	Switching, Routing, and Wireless Essentials: CCNA 2	6		☐
	or CST118 Linux Essentials (2) and CST159 Web Design (2)			☐
CST154	CompTIA A+ Essentials	3		☐
CST158	CompTIA A+ Practical Applications	3		☐
NET125	Intro to Net+	3		☐
Gen Ed Course	Social & Behavioral Science	3	050	☐
Total Credits		**18**		

3rd Sem	COURSE	CREDITS	SGE	COMPLETED
CST212	Enterprise Networking, Security, and Automation: CCNA3	3		☐
	or CST201 Adv. Operating Systems (3)			☐
CST218	Linux	2		☐
CST219	Server Operating Systems and Virtualization	3		☐
CST206	Programming	2		☐
Gen Ed Course	Composition I or Technical Composition	3	010	
Gen Ed Course	Math or Science	3	030	☐
Total Credits		**16**		

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4th Sem	COURSE	CREDITS	SGE	COMPLETED
CST207	Tech Support Lab I	2		☐
	or CST225 Web Development (3)			☐
CST215	Essentials to Cloud Computing	3		☐
CST223	Server Administration	3		☐
CST224	Computer and Network Security	3		☐
NET196	Certification Training Lab: NET+	1		☐
Gen Ed Course	Humanities & Fine Arts	3	060	☐
Total Credits		**15**		