

Network Systems Administration

Certification Pathways

MICROSOFT	COURSES		COMP TIA	CISCO	
MTA: Windows OS Fundamentals	CST 1072	Windows Workstation Support	A+* (Additional training required)		
	CST 1510 or CST 1511	System Diagnostics or Storage Media Diagnostics			
	CST 1861	Command Line and Registry			
MTA: Networking Fundamentals†	CST 1700	Fundamentals of Networking	NETWORK+†	CCENT*	
	CST 1701	Beginning Router Configuration			
MTA: Windows Server Admin Fundamentals	CST 2274	Windows Server Support	SECURITY+†	CCNA*	
	CST 2702	Advanced Router Configuration (CISCO)			
	CST 2703	Introduction to WAN (CISCO)			
MTA: Security Fundamentals	CST 2284	Network Security	SECURITY+†	CCNA Security† CCNA Voice†	
	CST 2823	Network Intrusion			
	CST 2840	Wireless LAN Networking			
	CST 2824	Advanced Network Defense			
	CST 2845	VoIP Network			
	CST 2608	Linux Server Administration			LINUX+†

* Highly Recommended

† Recommended

Computer Support Technician

Certification Pathways

MICROSOFT	COURSES		COMP TIA
MTA: Windows OS Fundamentals [†]	CST 1072	Windows Workstation Support	A+*
	CST 1510	System Diagnostics	
	CST 1511	Storage Media Diagnostics	
	CST 1861	Command Line Registry	
	CST 2504	A+ Certification Preparation	
MOS: Microsoft Office Specialist [†]	CST 1261	Applications Support	
MTA: Networking Fundamentals [†]	CST 1025	Network Basics	NETWORK+ [†]
	CST 1026	TCP/IP Routing	
	CST 2274	Windows Server Support	
MOS: Access [‡]	CST 1600	Relational Database Design	
MTA: Database Fundamentals [†]	CST 1602	Advanced Databases	LINUX+ [†]
	CST 2505	Introduction to Linux	
	CST 2506	Linux Server Administration	

* Highly Recommended

† Recommended

‡ May be beneficial depending on additional majors or specializations

Cyber Security Specialist

Certification Pathways

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	CST 1510 or CST 1511	System Diagnostics or Storage Media Diagnostics			
	CST 1861	Command Line and Registry			
MTA: Networking Fundamentals†	CST 1700	Fundamentals of Networking	NETWORK+†	CCENT*	
	CST 1701	Beginning Router Configuration			
MTA: Windows Server Admin Fundamentals	CST 2274	Windows Server Support	SECURITY+†	CCNA*	
	CST 2702	Advanced Router Configuration (CISCO)			
	CST 2703	Introduction to WAN (CISCO)			
MTA: Security Fundamentals	CST 2284	Network Security	SECURITY+†	CCNA Security† CCNA Voice†	
	CST 2823	Network Intrusion			
	CST 2840	Wireless LAN Networking			
	CST 2824	Advanced Network Defense			
	CST 2845	VoIP Network			
	CST 2608	Linux Server Administration			LINUX+†
	CST 2826	Security Capstone			PROJECT+†

* Highly Recommended
† Recommended

Computer Programmer

Certification Pathways

MICROSOFT	COURSES		MISCELLANEOUS
MOS: Access [†]	CST 1600	Relational Database Design	
MTA: Database Fundamentals*	CST 1602	Advanced Databases	Oracle*
	CST 1620	C# Programming	C#*
			Java*

See separate education plan for more information on Java Certification.

* Recommended

† May be beneficial depending on additional majors or specializations

Mobile Application Development

Certification Pathways

MICROSOFT	COURSES		MISCELLANEOUS
MOS: Access [†]	CST 1600	Relational Database Design	
MTA: Database Fundamentals [*]	CST 1602	Advanced Databases	Oracle [*]

** Recommended*

† May be beneficial depending on additional majors or specializations