NETWORK TECHNOLOGIES SPECIALIST - CERTIFICATE

Offered at: Big Sandy Community and Technical College, Bluegrass Community and Technical College, Elizabethtown Community and Technical College, Hazard Community and Technical College, Hopkinsville Community College, Jefferson Community and Technical College, Madisonville Community College, Maysville Community and Technical College, Southeast Kentucky Community and Technical College

Program Plan Number: 1101013369

May be available completely online. Please check with your academic advisor.

Course	Title	Credits
CIT 219	Internet Protocols	3
CIT 288	Network Security	3
Select 15 hours from the following platforms listed below. At least eight hours must be from a single platform and at least four hours must be from a different platform:		15
Micrososft Platform (p. 1)		
Cisco Platform (p. 1)		
Unix/Linux Platform (p. 1)		
Data Center Platform (p. 1)		
Security Platform (p. 1)		
Total Credits		**21**

Microsoft Platform

Course	Title	Credits
CIT 213	Microsoft Client Configuration	3
CIT 261	MS Active Directory Services	3
CIT 262	MS Network Infrastructure	3
CIT 264	Microsoft Server Management	3

Other Microsoft networking courses as approved by local Program coordinator

Cisco Platform

Course	Title	Credits
CIT 167	Switching & Routing Essentials	4
CIT 212	Connecting and Scaling Networks	4

UNIX/Linux Platform

Course	Title	Credits
CIT 227	Introduction to UNIX/Linux Administration	3
CIT 228	Advanced UNIX/Linux Administration	3
CIT 255	Web Server Administration	3

Data Center Platform

Course	Title	Credits
CIT 201	Information Storage Management	3
CIT 203	Introduction to Virtualization	3
CIT 204	VMware Optimize and Scale	3
CIT 205	Cloud Infrastructure and Services	3
CIT 206	Amazon Web Services Practitioner	3
CIT 207	Amazon Web Services Architecting	3
CIT 208	AWS Systems Operations	3

Security Platform

Course	Title	Credits
CIT 182	Perimeter Defense	3
CIT 184	Attacks and Exploits	3