

Network Infrastructure

Technical Certificate

This technical certificate program prepares the student for employment as Cisco Certified Entry Network Technician – Routing and Switching; and Cisco Certified Network Associate- Routing and Switching

Program Outcomes:

- Carry out procedures for installing, upgrading, securing, and optimizing operating systems and computer network equipment
- Identify the causes of networking problems, using diagnostic testing software and equipment
- Deploy Cisco networking devices including Routers and Switches in a network infrastructure
- Implement routing and switching protocols and services

Course	Title	Credits
CET 2178C	PC Hardware	3
COP 1000C	Introduction to Programming Concepts	3
CET 2486C	Local Area Networks	3
CET 2660C	Linux Networking and Security	3
CET 1610C	Cisco Router Technology	3
CET 2615C	Routing & Switching in the Enterprise	3
CET 2620C	WAN Architecture & Perimeter Security	3
	Total Certificate Credits	21

Students are encouraged to pursue the following industry certification(s) upon the completion of the Network Infrastructure Technical Certificate Program:

