





Program of Study: Networking Systems Administration Specialist

Career Pathway: Computer Science					
Secondary Partner:	Program Name:		CIP:	Program ID:	
Post-secondary Partner: Trinidad State College	Program Name: Networking Sy	stems Administration Specialist	CIP:	Program ID:	
Secondary Program Description: A program that focuses on the design, implementation, and management of linked systems of computers, peripherals, and associated software to maximize efficiency and productivity, and that prepares individuals to function as network specialists and managers at various levels. Includes instruction in operating systems and applications; systems design and analysis; networking theory and solutions; types of networks; network management and control; network and flow optimization; security; configuring; and troubleshooting. Career and Technical Courses Possibilities of careers, and demand relating to this Pathway					
State Graduation Requirements: www.cde.state.co.us/postsecon	dary/graduationguidelines				
CNG 1032 Network Security Fundamentals CE CNG 1036 Guide to IT Disaster Assessment I CE CNG 2056 Vulnerability Assessment I CE CNG 2057 Network Defense/Countermeasures CE CNG 2058 Digital Forensics CE CNG 2059 Enterprise Security CE		Possibilities of Careers: 11-3021.00: Computer and Informatior Systems Analysts 15-1211.01: Health In Security Analysts 15-1231.00: Compute Employment Demand and Wage Data: In Colorado workers on average earn \$ of workers earn \$157,680 or more. In t \$99,890. 10% of workers earn \$53,010	formatics Special formatics Special for Network Support 107,780. 10% of the United States or less. 10% of w	alists 15-1212.00: Information ort Specialists workers earn \$58,500 or less. 10%: Workers on average earn	
Related Industry Certifications/Credential(s) offered through pr	ogram:	Work-based Learning offered through Career Research Cooperative Education Job Shadowing	program:		
Advanced Credit Options Key: Notate above which course has an articulation agreement or concurrent enrollment. AA – Course is approved for Articulation Agreement CE – Course is offered as Concurrent Enrollment		CTSO organization(s): □ DECA □ FBLA □ FCCLA □ □ □ TSA □ SC ²	FFA □ CCSA	□ HOSA □ SkillsUSA	

POSTSECONDARY CREDENTIALS						
Certificate(s) offered through program:	Associate Degree(s) offered through program:	Bachelor's Degree(s) program aligns to:	Advanced Degree(s) program aligns to:			
Computer Networking Systems Administration Certificate	Computer Information Systems AAS Computer Science AAS	Computer Information Systems BS Computer Science BS	Computer Information Systems MS, PhD Computer Science MS, PhD			
Postsecondary Program Description: A program that focuses on the design, implementation, and management of linked systems of computers, peripherals, and associated software to maximize efficiency and productivity, and that programs individuals to function as not used specialists and management of linked systems of computers, peripherals, and associated software to maximize efficiency and productivity, and that programs individuals to function as not used specialists and management of linked systems of computers, peripherals, and associated software to maximize efficiency and productivity, and that programs individuals to function as not used.						

A program that focuses on the design, implementation, and management of linked systems of computers, peripherals, and associated software to maximize efficiency and productivity, and that prepares individuals to function as network specialists and managers at various levels. Includes instruction in operating systems and applications; systems design and analysis; networking theory and solutions; types of networks; network management and control; network and flow optimization; security; configuring; and troubleshooting.

Program Requirements for Entry:

http://www.trinidadstate.edu/admissions

Semester 1 CNG 1032 Network Security Fundamentals CNG 1036 Guide to IT Disaster Assessment I CNG 2056 Vulnerability Assessment I CNG 2056 Vulnerability Assessment I CNG 2059 Enterprise Security

District/College Review

Secondary Partner

Postsecondary

Print Name: Title: Signature: Date:

Postsecondary Partner

Print Name: Title: Signature: Date: