





Program of Study: Networking Cloud Administration Certificate

Career Pathway: Computer Science	, 0			
Secondary Partner:	Program Name:		CIP:	Program ID:
Post-secondary Partner: Trinidad State College	Program Name: Networking Cl	oud Administration Certificate	CIP: 11.0901	Program ID: CER_4CA
Secondary Program Description: A program that focuses on the design, implementation, and mana prepares individuals to function as cloud network specialists and and solutions; types of networks; network management and cont Career and Technical Courses	managers at various levels. Includes rol; network and flow optimization;	instruction in virtualization, applications;	systems design and a g.	analysis; networking theory
State Graduation Requirements: www.cde.state.co.us/postsecon	dary/graduationguidelines			
 CNG 1042 Intro to Cloud Computing CE CNG 2040 Virtual Environment Administrator CE CNG 1001 Networking Fundamentals (network +) – CNG 1032 Network Security Fundamentals (security CNG 2042 Cloud Computing CE CNG 2075 Special Topics: (AWS/Azure/Google) CE 	y +) - CNCC CE	Possibilities of Careers: 11-3021.00: Computer and Information 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	nformatics Specialists er Network Support S 107,780. 10% of work he United States: Wo or less. 10% of worke	15-1212.00: Information becialists kers earn \$58,500 or less. 10% rkers on average earn
Related Industry Certifications/Credential(s) offered through pro	ogram:	Work-based Learning offered through	program:	
CompTIA Network +		Career Research Cooperative Education Job Shadowing		

Advanced Credit Options Key:	CTSO organization(s):
Notate above which course has an articulation agreement or concurrent enrollment.	
AA – Course is approved for Articulation Agreement	🗆 DECA 🗆 FBLA 🔲 FCCLA 🗌 FFA 🗌 CCSA 🗌 HOSA 🗌 SkillsUSA
CE – Course is offered as Concurrent Enrollment	\Box TSA \Box SC ²

	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:		
	Networking Cloud Administration Certificate, CompTIA Network +	Computer Information Systems AAS Computer Science AAS	Computer Information Systems BS Computer Science BS	Computer Information Systems MS, PhD Computer Science MS, PhD		
Postsecondary	Postsecondary Program Description: A program that focuses on the design, implementation, and management of cloud computer systems, peripherals, and associated software to maximize efficiency and productivity, and that prepares individuals to function as cloud network specialists and managers at various levels. Includes instruction in virtualization, 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					
		Courses				
	 Semester 1 CNG 1042 Intro to Cloud Computing CNG 2040 Virtual Environment Administrator CNG 1001 Networking Fundamentals (network +) - CNCC 		 Semester 2 CNG 1032 Network Security Fundamentals (security +) - CNCC CNG 2042 Cloud Computing CNG 2075 Special Topics: (AWS/Azure/Google) 			

District/College Review

Secondary Partner Print Name:	Title:	Signature:	Date:
Postsecondary Partner Print Name:	Title:	Signature:	Date: