Red Rocks Community College

2017-2018 Degree or Certificate Map
Full-Time College Ready

Community: Information Technology
Degree or Certificate: Network Specialist AAS
***Requires completion of Computer Support Tech Cert first**

First Semester: Fall

Complete	Course Number	Title	Credits	Prerequisite
	CSC 119	Introduction to Programming: Python	3	Basic Computer Skills
	CNG 124	Networking I: Net+	3	CNG 122
	CNG 125	Networking II: Net+	3	CNG 124
	ENG 121	English Comp I	3	
	PHI 112	Ethics	3	

Second Semester: Spring

Complete	Course Number	Title	Credits	Prerequisite
	CSC 220	Fundamentals of Unix	3	CSC 119
	CNG 131	Principles of Information Assurance	3	None
	CNG 132	Network Security Fundamentals	3	CNG 125, CIS 220 & Co-req CNG 131
	ENG 131	Technical Writing	3	
	MAT 121	College Algebra	4	

Third Semester: Fall

Compete	Course Number	Title	Credits	Prerequisite
	CNG 133	Firewalls/Network Security	3	CNG 132
	CNG 202	Unix/Linux Server Admin	3	CSC 220
	MAN 210	Aligning Technology w/Business Strategy	3	None
	COM 115	Public Speaking	3	
	PSY 101	Introduction to Psychology	3	

Fourth Semester: Spring

Complete	Course Number	Title	Credits	Prerequisite
	CNG 211	Windows Client Config: Win OS	3	CNG 122
	CNG 212	Windows Server Admin	4	CNG 125
	CNG 257	Network Defense & Countermeasures	3	CNG 133
	CNG 280	Internship	3	Instructor Approval
	CIS 268	Systems Analysis & Design	3	

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Disclaimer: The contents of this sample represent the most current information available at the time of publication. However, during the period of time covered by this sample it is reasonable to expect changes to be made with respect to this information without prior notice. Students should regularly meet with the faculty advisor listed for the program.