



Community: Information Technology

AAS: Network & Systems

2019-20 AAS Map (Start in Fall or Spring)

Full-Time College Ready

Required Courses	Title	Credits
Required	Working knowledge of computers	

First Semester: Fall

Complete	Course Number	Title	Credits	Prerequisite
	CSC 119	Introduction to Programming: Python	3	
	CNG 101	Fundamentals of Networking	3	
	CNG 131	Principles of Information Assurance	3	
	ENG 121	English Comp I	3	
	PHI 112	Ethics	3	

Second Semester: Spring

Complete	Course Number	Title	Credits	Prerequisite
	CIS 220	Fundamentals of Unix	3	CSC 119
	CNG 136	Guide to IT Disaster Recovery	3	CNG 131
	ENG 131	Technical Writing	3	
	MAT 121	College Algebra	4	
	PSY 101	Introduction to Psychology	3	

Third Semester: Summer

Complete	Course Number	Title	Credits	Prerequisite
	CNG 212	Config Windows Server Admin	4	CNG 101

Fourth Semester: Fall

Complete	Course Number	Title	Credits	Prerequisite
	CNG 132	Network Security Fundamentals	3	CIS220 and CNG101
	CNG 202	Unix/Linux Server Admin	3	CSC 220
	CIS 240	Database Design & Development	3	CSC 119
	MAN 210	Aligning Technology w/Business Strategy	3	None
	COM 115	Public Speaking	3	

Fifth Semester: Spring

Complete	Course Number	Title	Credits	Prerequisite
	CNG 133	Firewalls & VPNs	3	CNG 132
	CNG 142	Intro to Cloud Computing	3	CNG 132
	CNG 202	UNIX/Linux Server Admin	3	CIS 220
	CNG 280	Internship	3	Instructor Approval
	CIS 268	Systems Analysis & Design	3	

Faculty Advisor: Joseph Murdock | joseph.murdock@rrcc.edu

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.