

NETWORK ADMINISTRATION 2018-2019

ASSOCIATE IN APPLIED SCIENCE - SCOTTSDALE COMMUNITY COLLEGE

ACADEMIC AND CAREER ADVISEMENT CENTER – 480-423-6539 – WWW.SCOTTSDALECC.EDU/ADMISSIONS/ADVISEMENT

Name _____ Advisor _____ Date _____

Program Director: Ron Monroig (480) 423-6696 CM-412 ron.monroig@scottsdalecc.edu major code 3794

First Effective Term: FALL 2017	Dept./ Course	Course Title	Credit Hours	Grade	Comments
Program Prerequisites 0-3	+CRE101	College Critical Reading & Critical Thinking (3) OR equivalent as indicated by assessment	0-3		
Required Courses 34 Credits					
	+BPC170	A+ Exam Prep: Computer Hardware Configuration and Support	3		
	+BPC270	A+ Exam Prep: Operating System Configuration and Support	3		
	CIS105	Survey of Computer Information Systems	3		
	CIS117DM +CIS276++	Microsoft Access: Database Management (3) OR Any Database Management Systems course (3)	3		
	CIS126DL	Linux Operating System	3		
	CIS175SA	Interconnecting Cisco Network Devices	3		
	+CIS190	Introduction to Local Area Networks	3		
	+CIS197	VMware ESXI Server Enterprise	3		
	+CIS226AL	Internet/Intranet Server Administration - Linux	3		
	+CIS270	Essentials of Network and Information Security	3		
	MST150++	Any Microsoft Windows Operating System course	3		
	+MST158DB +MST158++	Installing and Configuring Windows Server (4) OR Any Microsoft Windows Server course (4)	4		
Restricted Electives 3 Credits					
	CIS133DA	Internet/Web Development Level I	3		
	+CIS150	Programming Fundamentals	3		
	+CIS159	Visual Basic Programming I	3		
	+CIS162AD	C#: Level I	3		
	+CIS166 +CIS166++	Web Scripting/Programming (3) OR Any Web Scripting/Programming course (3)	3		
	CIS224	Project Management Microsoft Project for Windows	3		
	+CIS225AB	Object-Oriented Analysis and Design	3		
	CIS280	Current Topics in Computing	3		
	+CIS290++	Any Computer Information Systems Internship course(s)	1-3		
	+CIS298AC	Special Projects	3		
	+MST+++++	Any MST Microsoft Technology course not used to satisfy Required Courses area	3		
General Education Requirements 22-24 Credits		Core: 12-14 Credits			
First-Year Composition		+Any approved G.E. courses in First-Year Composition area	6		
Oral Communication		Any approved G.E. course in Oral Communication area	3		
Critical Reading		Met by CRE101 OR equivalent in assessment in the Program Prerequisites area	0		
Mathematics		+ Any approved G.E. course in Mathematics area	3-5		
		Distribution: 10 Credits			
Humanities, Arts and Design		Any approved G.E. course in Humanities, Arts and Design area	3		
Social-Behavioral Sciences		Any approved G.E. course in Social-Behavioral Sciences area	3		
Natural Sciences		Any approved G.E. course in Natural Sciences area	4		
		TOTAL CREDITS	62-67		

+Course has a prerequisite.

Revised 4-2018

Grade of 'C' or better required for all courses in the AAS in Network Administration. Completion of this form by an advisor is unofficial; official acceptance of all classes determined by SCC Admissions office.

Network Administration Degree Progression Plan

The following is a list of semester classes for the smoothest path towards successfully completing the degree. Some changes or restrictions may apply.

Semester	Course Title	Credit Hours	Comments
First Semester Courses		12-14	
CIS105	Survey of Computer Information Systems	3	
ENG101 OR ENG107	First-Year Composition	3	
MAT112 or Higher	Mathematical Concepts/Applications	3-5	Any approved G.E. Mathematics course.
Oral Communication		3	COM100 or COM110 or COM230
Second Semester Courses		12-15	
BPC170	A+ Exam Prep: Computer Hardware Configuration and Support	3	Offered first 8 weeks of fall and spring semesters.
BPC270	A+ Exam Prep: Operating System Configuration and Support	3	Offered second 8 weeks of fall and spring semesters.
CIS190	Introduction to Local Area Networks	3	
CRE101	College Critical Reading & Critical Thinking (3) OR equivalent as indicated by assessment	0-3	
Social-Behavioral Sciences		3	Any approved G.E. Social-Behavioral Science course.
Third Semester Courses		15	
CIS117DM CIS276++	Microsoft Access: Database Management (3) OR Any Database Management Systems course (3)	3	
CIS126DL	Linux Operating System	3	
ENG102 OR ENG108	First-Year Composition	3	
MST150++	Any Microsoft Windows Operating System course	3	
Restricted Electives		3	See check sheet for Restricted Elective course list.
Fourth Semester Courses		15	
CIS175SA	Interconnecting Cisco Network Devices	3	Available Spring only
CIS197	VMware ESXI Server Enterprise	3	
CIS226AL	Internet/Intranet Server Administration-Linux	3	Available Spring only
CIS270	Essentials of Network and Information Security	3	Available Spring only
Humanities, Arts and Design		3	Any approved G.E. Humanities, Arts and Design course.
Fifth Semester Courses		8	
MST158DB MST158++	Installing and Configuring Windows Server (4) OR Any Microsoft Windows Server course (4)	4	
Natural Sciences		4	Any approved G.E. Natural Science course.

**You can view your degree progress online on the my.maricopa.edu website.
Log-in and click Degree Progress Report.**