

2007 - Network & Communications Management - Associate - Bachelor Degree

This is a recommended course rollout for the program of study indicated. Take courses in the order shown. It is the student's responsibility to verify course selections using Degree Navigator to ensure all graduation requirements are met. If this rollout does not represent what you have taken in the past, seek advisement from your Associate Dean.

Associate Degree Plan of Study

Completed	1 st Semester	Credit	Title	Prerequisite
	BUSN 115	3	Introduction to Business & Technology	
	COMP 129	3	PC Hardware and Software w/Lab	
	ENGL 108	3	English Composition	
	MATH 114	4	College Algebra	
	COLL 148 (Institute Credit)	3	Critical Thinking & Problem Solving	
		16		
2nd Semester				
	COMP 100	2	Computer Applications for Business	
	MATH 221	4	Statistics for Decision Making	MATH114
	SPCH 275	3	Public Speaking	ENGL108
	NETW 202	3	Introduction to Networking	COMP129
	SEC 280	3	Principles of Information Systems Security	COMP129 or CIS246
		15		
3rd Semester				
	COMP230	4	Introduction to Scripting & Database	COMP100
	ENGL 135	4	Advanced Composition	ENGL108
	NETW 204	3	Introduction to Routing	NETW202
	Natural Science Elective	3	Choose any Natural Science Elective	MATH114
	Social Science Elective 1	3	Choose PSYC110, SOCS185, or SOCS190	
		17		
4th Semester				
	CARD 207 (Institute Credit)	2	Career Development	29 earned credit hours
	Humanities Elective 1	3	100/200 level History or Philosophy Course <i>or</i> 100/200 Level Literature or Arts Course.	ENGL135
	NETW 206	3	Introduction to Switching	NETW204
	NETW 230	4	Network Operating Systems (Windows)	NETW204 & COMP230
	Gen. Education Elective 1 (Bachelor Course)	3	Choose any 300 or 400 level Humanities or Social Science course not previously taken.	
	Gen. Education Elective 2 (Bachelor Course)	3	Choose any 300 or 400 level Humanities or Social Science course not previously taken.	
		18		
5th Semester				
	NETW 208	3	Introduction to WAN Technology	NETW206
	NETW 240	4	Network Operating Systems (UNIX)	COMP230 & NETW204
	NETW 250	3	Voice/VOIP Administration	NETW204
	ACCT 201 (Bachelor Course)	4	Essentials of Accounting	BUSN115
	Humanities Elective 2 (Bachelor Course)	3	300/400 level History or Philosophy Course <i>or</i> Literature or Arts Course. (If you selected literature/art at the 200 level, you must select history or philosophy at the 300/400 level.)	ENGL135
		17		
		70	Credits needed for Associate Degree Completion (this includes 5 institutional credits for COLL148 and CARD207)	

Bachelor Degree Plan of Study

Completed	6 th Semester	Credit	Title	Prerequisite
	Communication Skills Elective 2	4	Applied Writing - Choose ENGL216 or ENGL227	ENGL108
	Social Science Elective 2	3	Choose 300 or 400 level PSYC or SOCS course. (Must differ from Social Science Elective 1)	
	NETW 310	3	Wired, Optical & Wireless Communications	NETW204
	NETW 320	3	Converged Networks	NETW208
	NETW 410	4	Enterprise Network Design	NETW208 & either NETW230 or NETW240
		17		
7th Semester				
	MGMT 404	4	Project Management	BUSN115
	Humanities Elective 3	3	300/400 level History or Philosophy Course or Literature or Arts Course. (If you selected literature/art at the 200 level, you must select history or philosophy at the 300/400 level.)	ENGL135
	MGMT 408	3	Management of Technology Resources	ACCT201
	NETW 360	3	Wireless Technologies & Services	NETW310
	NETW 420	4	Enterprise Networking Management	MATH221 & NETW410
		17		
8th Semester				
	CARD 415 (Institute Credit)	1	Career Development Strategies	CARD207
	NETW 471	3	Advanced Topics in Telecommunications	NETW420
	SEC 450	3	Advanced Network Security	NETW420
	NETW 490	4	Senior Project	MGMT404 & NETW420
	HUMN 432	3	Social Issues in Technology	ENGL135 & Senior Standing*
	Social Science Elective 3	3	Choose any 300 or 400 level Social Science course not previously taken	
		17		
	Gen. Education Elective 1	3	From Associate side	
	Gen. Education Elective 2	3	From Associate side	
	ACCT201	4	From Associate side	
	Humanities Elective 2	3	From Associate side	
		134	Credits needed for Bachelor Degree Completion (this includes 6 institutional credits for COLL148, CARD207, and CARD415)	
	AASNCM		70 Credits needed for degree completion.	
	BSNCM		134 Credits needed for degree completion.	
	*Senior Standing = completion of 89 earned credit hours.			