

College of Engineering & Information Sciences

2011 - Network & Communications Management (NCM) Program

This is the STANDARD PLAN OF STUDY. Following this plan will make it possible for a student to graduate in the shortest possible timeframe. While advice from a Student Success Coach is strongly encouraged, it is ultimately the student's responsibility to observe all prerequisites and to ensure that all graduation requirements are met. All changes to this plan must be authorized by the Associate Dean of the College of Engineering & Information Sciences.

Student Name:		DSI#:		
Completed	1st Semester	Credit	Title	Prerequisite
	BUSN 115	3	Introduction to Business & Technology	
	COLL 148 (Institute Credit)	3	Critical Thinking & Problem Solving	
	COMP 129	3	PC Hardware and Software w/Lab	
	ENGL 108	3	English Composition	
	MATH 114	4	College Algebra	
		16		
	2nd Semester			
	COMP 100	2	Computer Applications for Business	
	MATH 221	4	Statistics for Decision Making	MATH114
	NETW 203	3	Introduction to Networking	
	SEC 280	3	Principles of Information Systems Security	COMP129 or CIS246
	SPCH 275	3	Public Speaking	ENGL108
		15		
	3rd Semester			
	COMP230	4	Introduction to Scripting & Database	COMP100
	ENGL 135	4	Advanced Composition	ENGL108
	Natural Science Elective	3	BIOS105, BIOS120, BIOS135, BIOS195, PHYS204, SCI200, or SCI224	See catalog for specific prerequisites
	NETW 205	3	Introduction to Routing	NETW203
	Social Science Elective 1	3	Choose PSYC110, SOCS185, or SOCS190	
		17		
	4th Semester			
	General Education Elective 1	3	Choose any 300 or 400 level General Education course not previously taken.	
	General Education Elective 2	3	Choose any 300 or 400 level General Education course not previously taken.	
	Humanities Elective 1	3	HUMN410, HUMN412, HUMN417, HUMN445, or HUMN448	ENGL135
	NETW 207	3	Introduction to Switching	NETW205
	NETW 230	4	Network Operating Systems (Windows)	NETW205 & COMP230
		16		

Completed	5 th Semester	Credit	Title	Prerequisite
	ACCT 301	4	Essentials of Accounting	BUSN115
	Humanities Elective 2	3	HUMN303, HUMN420, HUMN422, HUMN424, HUMN427, HUMN428, or HUMN450	ENGL135
	NETW 209	3	Introduction to WAN Technology	NETW207
	NETW 240	4	Network Operating Systems (UNIX)	COMP230 & NETW205
	NETW 250	3	Voice/VOIP Administration	NETW205
		17		
6th Semester				
	Communication Skills Elective 2	4	Applied Writing - Choose ENGL216 or ENGL227	ENGL108
	NETW 310	3	Wired, Optical & Wireless Communications	NETW205
	NETW 320	3	Converged Networks	NETW209
	NETW 410	4	Enterprise Network Design	NETW230 OR NETW240
	Social Science Elective 2	3	ECON312, LAWS310, or POLI330	
		17		
7th Semester				
	Humanities Elective 3	3	Humanities Course not previously taken	ENGL135
	MGMT 404	4	Project Management	BUSN115
	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 405 (Institute Credit)	2	Career Development Strategies	CARD207
	HUMN 432	3	Social Issues in Technology	ENGL135 & Senior Standing*
	NETW 471	3	Advanced Topics in Telecommunications	NETW420
	NETW 494	2	Senior Project I with Lab	MGMT404 & NETW420
	NETW 497	2	Senior Project II with Lab	NETW494
	SEC 450	3	Advanced Network Security	NETW420
	Social Science Elective 3	3	PSYC305, PSYC315, SOCS315, or SOCS410	See catalog for specific prerequisites.
		18		
		133	Credits needed for Bachelor Degree Completion (Includes 5 credits for: COLL148 and CARD405)	
*Senior Standing = completion of 89 earned credit hours.				Last Updated: 20110329

Course Rotation Schedule for the NCM Program							
	2011	2012 Academic Year					
	NOV	JAN	MAR	MAY	JULY	SEPT	NOV
MGMT408		X				X	
NETW310		X				X	
NETW320	X				X		X
NETW360	X				X		X
NETW410		X				X	
NETW420				X			X
NETW471				X			X
SEC450		X				X	

Plan Revision Date: 20111007

Cisco Academy Course Rotation Schedule

Semester	Day-Session	MORNING	AFTERNOON	EVENING
SPR12/FALL12 SUM13/SPR14	Friday-A	NETW205	NETW209	NETW203
	Saturday-A	NETW207		
	Friday-B	NETW207	NETW203	NETW205
	Saturday-B	NETW209		
	Friday-A	NETW209	NETW205	NETW207
FALL11/SUM12 SPR13/FALL13	Saturday-A	NETW203		
	Friday-B	NETW203	NETW207	NETW209
	Saturday-B	NETW205		

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