

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	CNSE M01	Intro Networking & Telecommunications	4u	X	X	X					X		O			1	
2	CNSE M05	Fundamentals of Lan/Wan	4u	X		X					X		O			2	
3	CNSE M06	IT Essentials (PC Repair)	4u	X		X							H	X		1	X
4	CNSE M10	Renumbered as M01											T				
5	CNSE M12	Replace by any NON-REQUIRED CNSE MXX		X	X						X		T				
6	CNSE M13	Internetworking & TCP/IP	4u	X	X						X		O			3	
7	CNSE M14	Cisco Wireless	3u	X	X			X			X		H	X		2	
8	CNSE M18	Cisco 1 & 2	4u	X	X		X	X			X		H			2	X
9	CNSE M19	Cisco 3 & 4	4u		X		X	X			X		H			3	X
10	CIS M30	Web Page Development CIS or CNSE M58	1.5u	X									T			2	
11	CNSE M30	Windows Desktop Operating System	3u	X	X				X	X	X		T		X	1	
12	CNSE M31	Windows Server Operating System	3u	X	X				X	X	X		T		X	2	
13	CNSE M42	Windows Server Active Directory Services	2.5u								X		X	T	X	2	
14	CNSE M43A	Windows Net Infrastructure Admin	3u										X	T	X	2	
15	CNSE M43B	Planning/Main Wins Net Infrastructure	3u										X	T	X	2	
16	CNSE M46	Designing Windows Network Security	3u										X	T	X	2	
17	CNSE M49	MS SQL Server Client App Architecture	1.5u										X	T	X	3	
18	CNSE M50	CISCO Voice Over Internet Protocol	2u					X					X	T		3	
19	CNSE M55	Linux+	2u										T	X		2	
20	CNSE M58	Web Database Fundamentals (Spring course)	2u										X	H		2	
21	CNSE M62	Configuring Server Applications Infrastructure	3u										X	T	X	2	
22	CNSE M80	INTERNSHIP	1-4u	X	X								T			3	
23	CNSE M82	Security+	1.5u										X	H	X	1	
24	CNSE XX	Units from Recommended - See Catalog		5.5u		3.5u							*				
25		# Semesters needed to complete program		4-5	4-5	2	2	1	3	2-3	3-4						
26		<p><b>Description:</b> Computer Networking Systems Engineering provide courses in Information Technology which focus on Theory &amp; Applied hands-on skills using Online, Hybrid, &amp; Traditional classroom instruction.</p> <p>Outcomes based on relevant experience, problem solving skills, certification, communication and soft skills. Students can continue into advanced programs such as CSUCI Info Tech program or high level career paths including Systems Administration, Help Desk, or Consulting depending on experience, vendor certification, and academic preparation.</p>	Units	CNSE AS Degree Requirement	CNSE Certificate of Achievement	CNSE Basic Network Specialist Proficiency Award	Cisco System Proficiency Award	Cisco Certification Prep	Windows Engineering Certificate Achievement (MCSE)	Windows Administration Proficiency Award	Advanced Network Specialist Certificate Achievement	Satisfies Recommended Course- See Catalog Option(s)	O=100% Online, H=Hybrid, t=Traditional in class.	Comptia Certification Prep	Microsoft Certification Prep	Level of Difficulty 1-3	Vendor Certificate of Completion