MAJOR	Computer Science						Network Enginerring	**SPECIALIZATION**
								2020 - rev. 6/19

YEAR 1

FRESHMAN FALL			Term	Grade	FRESHMAN SPRING			Term	Grade
COURSE NUMBER	**COURSE NAME**	**CREDITS**			**COURSE NUMBER**	**COURSE NAME**	**CREDITS**		
CIT 111	Network Fundamentals	3			CIT 112	Routing and Switching	3		
COS 107	Problem Solving & Design	3			COS 108	Principles of Computer Science I	4		
EDU 118	Introduction to University Learning	3			EDU 186	Creativity and Formative Mindsets (QEP)	3		
ENG 101	English Composition I	4			ENG 102	English Comp II	3		
MAT 115	College Algebra	3			MAT 125	Business Calculus and Matrices	3		
Total		16			Total		16		

YEAR 2

SOPHOMORE FALL			Term	Grade	SOPHOMORE SPRING			Term	Grade
COURSE NUMBER	**COURSE NAME**	**CREDITS**			**COURSE NUMBER**	**COURSE NAME**	**CREDITS**		
CIT 200	Network Operating Systems	3			CIT 212	Intro to WAN technology	3		
CIT 211/COS 314	Netwrok Protocols	3			COS 281	Intro to Information Security & Assurance	3		
COS 109	Principles of Computer Science II	4			Arts and Humanities		3		
ENG 216	Technical Writing	3			Free Elective		1		
Social/Behavioral		3			Social/Behavioral		3		
Total		16			Total		13		

YEAR 3

JUNIOR FALL			Term	Grade	JUNIOR SPRING			Term	Grade
COURSE NUMBER	**COURSE NAME**	**CREDITS**			**COURSE NUMBER**	**COURSE NAME**	**CREDITS**		
CIT 311	Advaanced Routing	3			CIT 312	Advanced LAN Switching	3		
COS 301	Computer Organization	4			COS 302	Operating Systems	3		
COS 310	Discrete Computing Structures	3			COS 410	Database Management Systems	3		
SPE 103	Interpersonal Communication	3			Arts and Humanities		3		
Natural Science		3			Free Elective		3		
Total		16			Total		15		

YEAR 4

SENIOR FALL			Term	Grade	SENIOR SPRING			Term	Grade
COURSE NUMBER	**COURSE NAME**	**CREDITS**			**COURSE NUMBER**	**COURSE NAME**	**CREDITS**		
CIT 453	Network Management	3			CIT 412	Managing & Maintaining IP Networks	3		
CIT370/COS464/MIS300	Project Mgmt/Mgmnt of Computer Info Systems	3			CIT 481/COS 497	IT Independent Study	3		
CIT497/COS499/**COS300**	Topics in IT	3			-OR- CIT 498/COS 499	Internship			
COS 303	Human Perspective on Computer	3			COS 334	Cyber Forensics	4		
Arts and Humanities		3			COS 484	Intro to Network Security	3		
Total		15			Total		13		

	Total Hours	120