Networks and Communications Engineering Guidance Plan

	1st Year		2nd Year		3rd Year		4th Year		5th Year	
	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester
	Computer Skills 0102120	Introduction to Programming 0102220	Object Oriented Programming 0102221	Computer Organization 0102240	Data and Computer Communication 0106320	Data Structure and Algorithm 0102270	Computer Network Protocols 0105400	Internship 0106580	Capstone Project I 0106590	Capstone Project II 0106591
	Calculus I 0107101	Calculus II 0107104	Engineering Math 0107202	Introduction to Numerical Methods 0107201	Signals and Systems Analysis 0106330	Introduction to Communication System 0106340	Digital Communication 0106440	Wireless Communication Fundamentals 0106441	Major Elective (1)	Major Elective (2)
	Chemistry 0201100	Discrete Mathematics 0107200	Digital Logic Design 0104240	Probability Theory and Statistics 0107103	Electronic Circuits 0104331	Probability and Random Processes 0106331	Introduction to Artificial Intelligence 0114208	Internet of Things 0105423	Group (A)	Group (B)
	Physics I 0108103	Physics II 0108203	Linear Algebra 0107102	Circuit Analysis I 0104230	Circuit Analysis II 0104330	Electromagnetic Theory 0106350	Communication Lab 0106341		Cryptography and Computer Network Security 0112304	Computer Network Management 0105411
	Physics I Lab 0108104	Physics II Lab 0108204	Digital Logic Design Lab 0104241	Circuit Analysis Lab 0104231	Electronics Lab 0104332	Fundamentals to Innovation and Entrepreneurship 0501170	Network Lab 0105401			
	English 1 0401120	English 2 0401121	Arabic Language 0405100	Islamic Culture 0406110	UAE Studies 0409103		Scientific Research Methodology 0508203			
Total	16	16	16	16	16	15	14	9	11	11
Total	32		32		31		23		22	
Total	140									