

## Guidance Plan / Networks and Communication Engineering Program

	1 <sup>st</sup> Year		2 <sup>nd</sup> Year		3 <sup>rd</sup> Year		4 <sup>th</sup> Year		5 <sup>th</sup> 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	Data and Computer Communication 0106320	Computer Network Protocols 0105400	Probability and Random Processes 0106331	Computer Network Management 0105411	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 Structures 0107200	Digital Logic Design 0104240	Probability Theory and Statistics 0107103	Electronic Circuits 0104331	Electromagnetic Theory 0106350	Operating Systems 0102340	Fundamentals to Innovation and Entrepreneurship 0501170	Group (A)	Group (B)
	Physics I 0108103	Physics II 0108203	Linear Algebra 0107102	Circuit Analysis I 0104230	Circuit Analysis II 0104330	Computer Organization 0102240	Data Structure and Algorithm 0102270		Cryptography and Computer Network Security 0105410	UAE Studies (0409103)
	Physics I Lab 0108104	Physics II Lab 0108204	Digital Logic Design Lab 0104241	Circuit Analysis Lab 0104231	Network Lab 0105401	Science and Life 0201111	Islamic Culture 0406110			
	English (1) 0401120	English (2) 0401121	Arabic Language 0405100	Scientific Research Methodology 0508203	Electronics Lab 0104332		Communication Lab 0106341			
<b>Total</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>9</b>	<b>11</b>	<b>11</b>
<b>Total</b>	<b>32</b>		<b>32</b>		<b>29</b>		<b>25</b>		<b>22</b>	
<b>Total</b>	<b>140</b>									