

Guidance Plan / Computer Engineering Program

	1 st Year		2 nd Year		3 rd Year		4 th Year		5 th 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	Data Structure and Algorithm 0102270	Computer Architecture 0104340	Internship 0104580	CE Capstone Project I 0104590	CE Capstone Project II 0104591
	Calculus I 0107101	Calculus II 0107104	Engineering Math 0107202	Introduction to Numerical Methods 0107201	Foundations of Software Engineering 0103220	Signals and Systems Analysis 0106330	Control Systems 0106340	Cryptography and Computer Network Security 0105410	Major Elective (1)	Major Elective (2)
	Chemistry 0201100	Discrete Structures 0107200	Digital Logic Design 0104240	Probability Theory and Statistics 0107103	Computer Organization 0102240	Microprocessor & Assembly Language 0104350	Embedded Systems 0104450	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	Digital Electronics 0104333	Digital Systems Design 0104440		Operating Systems 0102420	UAE Studies (0409103)
	Physics I Lab 0108104	Physics II Lab 0108204	Digital Logic Design Lab 0104241	Circuit Analysis Lab 0104231	Electronic Circuits 0104331	Microprocessor & Assembly Language Lab 0104351	Science and Life 0201111			
	English (1) 0401120	English (2) 0401121	Arabic Language 0405100	Scientific Research Methodology 0508203		Islamic Culture 0406110				
Total	16	16	16	16	15	16	15	9	10	11
Total	32		32		31		24		21	
Total	140									