

Department of Computer Engineering (0923)
Study Plan for Bachelor Degree in Computer Engineering (0923)
(133 Credit Hours) Male students Only

Acad. Year	First Semester (5 Courses)						Second Semester (5 Courses)					
	Course Code	Course Name	Pre-req.	Hours			Course Code	Course Name	Pre-req.	Hours		
				Cr	Th	Pr				Cr	Th	Pr
1	0814132	Physics	----	4	3	2	0603103	Business and Accounting	1722111	3	3	0
	0827111	Calculus	----	3	3	0	0826152	Biology	----	3	3	0
	0921110	Introduction to Computing	----	4	3	3	0827121	Probability and Statistics	0827111	3	3	0
	1722111	Academic English	----	3	3	0	0827122	Discrete Mathematics	0827111	3	3	0
	1900101	Creed and Doctrines	----	2	2	0	0921120	Fundamentals of Programming	0921110	4	3	3
	Total			16	14	5	Total			16	15	3
Acad. Year	First Semester (5 Courses)						Second Semester (5 Courses)					
	Course Code	Course Name	Pre-req.	Hours			Course Code	Course Name	Pre-req.	Hours		
				Cr	Th	Pr				Cr	Th	Pr
2	0923210	Advanced Calculus	0827111	3	3	0	0921220	Fundamentals of Software Engineering	0921120	4	3	3
	0921211	Data Structure and Algorithms	0921120 0827122	4	3	3	0923221	Electric Circuits	0923213	4	3	3
	0921212	Linear Algebra	0827122	3	3	0	0923222	Differential Equations	0923210	3	3	0
	0923213	Basic Electronics	0814132	4	3	3	0923223	Digital Logic and Design	0814132	4	3	3
	0924214	Fundamentals of Computer Networks	0921110	4	3	3	0923224	Numerical Analysis	0923210	3	3	0
	Total			18	15	9	Total			18	15	9
Acad. Year	First Semester (5 Courses)						Second Semester (5 Courses)					
	Course Code	Course Name	Pre-req.	Hours			Course Code	Course Name	Pre-req.	Hours		
				Cr	Th	Pr				Cr	Th	Pr
3	0923310	Signals and Systems	0921212	3	3	0	0921320	Computer Security	0924214	3	3	0
	0923311	Electronic Circuits	0923221	4	3	3	0921321	Operating Systems	0923313	4	3	3
	0922312	Technical Reports	1722111	3	3	0	0922322	Professional Responsibility	0922312 0826152	3	3	0
	0923313	Computer Organization and Architecture	0923223	4	3	3	0923323	Embedded Systems	0923313	4	3	3
	1900102	Islamic Culture		2	2	0	1900???	University Elective(1)		2	2	0
	Total			16	14	6	Total			16	14	6
	Summer Semester (One Course)											
	Course Code	Course Name		Credit Hours			Pre-requisite					
0923330	Practical (Co-op) Training			3			Department Aproval and Finish 95 Credit Hours and passing: 0923223, 0923311, 0923313					
Acad. Year	First Semester (5 Courses)						Second Semester (5 Courses)					
	Course Code	Course Name	Pre-req.	Hours			Course Code	Course Name	Pre-req.	Hours		
				Cr	Th	Pr				Cr	Th	Pr
4	0923410	Project Proposal	موافقة القسم	2	---	---	0923420	Project Implementation	0923410	3	---	---
	0923411	Design and Modeling of Digital Systems	0923313	4	3	3	0923421	Selected Topics in Computer Engineering	0923410	3	3	0
	0923412	Computer Peripherals and Interfacing	0923311 0923313	4	3	3	0923422	Parallel and Distributed Systems	0923313	3	3	0
	092?4??	Program Elective(1)	?	3	3	0	092?4??	Program Elective(2)	?	3	3	0
	1900???	University Elective(2)		2	2	0	092?4??	Program Elective(3)	?	3	3	0
	Total			15	11	6	Total			15	12	0
Elective Courses	Program Elective Courses (3 Courses of 9 Credit Hours Total)						University Elective Courses (2 Courses of 4 Credit Hours Total)					
	Course Code	Course Name	Pre-req.	Hours		Course Code	Course Name	Hours				
				Cr	Th			Cr	Th			
	0923413	Computational Intelligence and Expert Systems	0827122	3	3	1900103	Islamic Morals and Occupational Ethics	2	2			
	0923414	Digital Signal Processing	0923310	3	3	1900104	Studies in the Prophet's Biography	2	2			
	0924415	Multimedia Networks and Applications	0924214	3	3	1900105	Medical Jurisprudence	2	2			
	0924416	Telecommunication Networks	0924214	3	3	1900106	Economy and Politics in Islam	2	2			
	0923423	Robotics	0923313	3	3	1900107	Social System and Family Behavior	2	2			
	0923424	VLSI Design	0923411	3	3	0602233	Fundamentals of Entrepreneurship	2	2			
	0923425	Image Analysis and Machine Vision	0923310	3	3	1900109	Health and Fitness	2	2			
	0923426	Computer Graphics	0827122	3	3	1900110	Research Skills	2	2			
	0923427	Control Engineering	0923222	3	3	1900111	Voluntary Work	2	2			
						1900112	Medicine: Type and Usage	2	2			
						1900113	Human Rights in Islam	2	2			
						1900114	Food and Nutrition	2	2			