

الخطة الدراسية Degree Plan

بكالوريوس هندسة الحاسب الآلي والشبكات Bachelor of Computer Engineering and Networks

Level المستوى	Course Code رمز المقرر	Course Name اسم المقرر	Credit Hours الوحدات	Studying Hours الساعات الدراسية			Prerequisites المتطلبات
				Lec محاضرة	Lab عملي	Tut تمارين	
One الأول 18 Credits , 23 Hours	ENGL 101	Intro. To Acad. Discourse	3	3	0	0	
	PHYS 101	General Physics 1	4	3	2	0	
	MATH 101	Calculus 1	3	3	0	2	
	CHEM 101	General Chemistry 1	4	3	2	0	
	CSC 101	Intro. to Computer and Programming	4	3	2	0	
Two الثاني 14 Credits , 15 Hours	IC 101	Intro. To Islamic Culture	2	2	0	0	
	MATH 102	Calculus 2	3	3	0	2	MATH 101
	CSC 102	Computer Programming 1	4	3	2	0	CSC 101
	ENGL 102	Intro. to Report Writing	3	3	0	0	ENGL 101
	ARAB 101	Arabic Language Skills	2	2	0	0	
Three الثالث 19 Credits , 19 Hours	IC 102	Islamic and Society Construction	2	2	0	0	
	STAT 324	Statistics & Probabilities	3	3	0	1	
	CSC 104	Computer Programming 2	4	3	2	0	
	CSC 383	Discrete Structures	3	3	0	0	CSC 102
	ELE 201	Fundamentals Of Electric Circuits	3	3	0	1	
	CEN 211	Logic Design	4	3	2	1	
Four الرابع 16 Credits , 20 Hours	IC 103	The Economic System in Islam	2	2	0	0	
	MATH 204	Differential Equations	3	3	0	1	MATH 102
	CSCI 217	Data Structures	4	3	2	0	CSC 104
	ARAB 103	Arabic Expository Writing	2	2	0	0	
	CEN 225	Computer Organizat. & Assbly Lgge.	3	3	0	1	CEN 211
	ELC 203	Electromagnetic	3	3	0	1	MATH 102, PHYS 101
Five الخامس 19 Credits , 21 Hours	IC 105	Human Rights Principles	2	2	0	0	
	CSCI 325	Database Systems	4	3	2	0	CSCI 217
	ELE 301	Signals & Systems Analysis	3	3	0	1	ELE 201
	ELE 312	Electronics 1	4	3	2	1	ELE 201
	CEN 326	Computer Architecture	3	3	0	1	CEN 225
	MATHI 242	Liner Algebra	3	3	0	1	MATH 204
Six السادس 19 Credits , 22 Hours	IC 104	Fundamental of Islamic Political System	2	2	0	0	
	CEN 342	Intro. To Data Transmission	4	3	2	1	ELE 301
	CSC 343	Software Engineering	3	3	0	0	CSCI 217
	CEN 444	Computer Networks 1	3	3	0	1	With CEN 342
	CSCI 335	Operating System	3	3	0	1	CSCI 217
	CEN 433	Microprocessors System	4	3	2	1	CEN 326
CEN 399 التدريب الصيفي							
Seven السابع 17 Credits , 22 Hours	CEN 455	Digital Control	4	3	2	1	ELE 301
	CEN 402	Management Of Engineering Projects	3	3	0	1	CSCI 343
	CSC 465	System Programming	3	2	2	1	CEN326
	CEN 445	Computer Networks 2	4	3	2	1	CEN 444
	CEN 494	Graduation Project 1	2	2	0	0	Finish 90 Credits
Eight الثامن 16 Credits , 20 Hours	ELE 417	Integrated VLSI Circuit Design	4	3	2	1	CEN 211, ELE 312
	CEN 491	Selected Topics in Computer Engineering	3	3	0	1	
	CEN 448	Networks & Information Security	3	3	0	1	CEN 445
	CEN 459	Intelligent System & Robotics	3	3	0	1	CEN 455
	CEN 495	Graduation Project 2	3	1	4	0	CEN 494
Total Credits 138 مجموع الساعات 138							