الخطة الدراسية:

الخطة الدراسية الحالية

Level	Course Code	Course Title	Required or Elective	* Pre-Requisite Courses	Credit Hours	College or Department
Prep Year **Term 1** Level 1	ENGL001	English Language (1)	Required		8	College
	COMM001	Communication skills	Required		2	College
	IT001	Information Technology (1)	Required		2	College
	MATH001	Mathematics (1)	Required		2	College
	PE001	Physical Education (1)	Required		1	College
	NS001	Natural Sciences (1)	Required		2	College
Prep Year **Term 2** Level 2	ENGL002	English Language (2)	Required		8	College
	PYP002	University Studies Skills	Required		2	College
	IT002	Information Technology (2)	Required		2	College
	MATH002	Mathematics (2)	Required		4	College
	PE002	Physical Education (2)	Required		1	College
	NS002	Natural Sciences (2)	Required		2	College
1st Year	ENGL 101	Introduction to Academic	Required		3	Institution

		Discourse				
Semester 1	PHYS101	Physics	Required		4	College
	CHEM101	Chemistry	Required		4	College
	MATH101	Differentiation and Integration Calculus (I)	Required		3	College
	CSC 101	Introduction to Computers Programming	Required		4	College
1st Year **Semester 2**	ARAB101	Arabic Language Skills	Required		2	Institution
	CSC 102	Computer Programming (I)	Required	CSC101	4	College
	MATH102	Differentiation and Integration Calculus (II)	Required	MATH101	3	College
	IC 101	Introduction to Islamic Culture	Required		2	Institution
	ENGL 102	Introduction to Report Writing	Required	ENGL101	3	Institution
2nd Year **Semester 1**	CEN 211	Logic Design	Required		4	Department
	CSC 104	Computer Programming (II)	Required	CSC102	4	College
	CSC383	Discrete Structures	Required	CSC102	3	College
	ELE 201	Fundamentals of Electric Circuits	Required		3	Department
	IC 102	Islam and Society Construction	Required		2	Institution
	STATI 324	Statistic and probabilities	Required	MATH102	3	College

2nd Year **Semester 2**	ARAB 103	Arabic Writing	Required		2	Institution
	CEN 225	Computer Organization and Assembly Language	Required	CEN211	3	Department
	CSCI 217	Data Structures	Required	CSC104	4	College
	ELE 203	Electromagnetism	Required	MATH102	3	Department
	IC 103	Economic System in Islam	Required		2	Institution
	MATH 204	Differential Equations	Required	MATH102	3	College
3rd Year **Semester 1**	CEN326	Computer Architecture	Required	CEN225	3	Department
	CSCI325	Data Base Systems	Required	CSCI217	4	College
	ELE301	Signals and Systems Analysis	Required	ELE201	3	Department
	ELE312	Electronics(1)	Required	ELE201	4	Department
	IC105	Principles of Human Rights	Required		2	Institution
	MATHI242	Linear Algebra	Required	MATH204	3	College
3rd Year **Semester 2**	CEN342	Introduction to Data Transmission	Required	ELE301	4	Department
	CEN399	Summer Training	Required			Department
	CEN433	Microprocessor systems	Required	CEN326	4	Department
	CEN444	Computer Networks (1)	Required	CEN342	3	Department
	CSC343	Software Engineering	Required	CSCI217	3	College
	CSCI335	Operating System	Required	CSCI217	3	College

	IC104	Fundamental of Islamic Political System	Required		2	Institution
4th Year **Semester 1**	CEN445	Computer Networks (2)	Required	CEN444	4	Department
	CEN455	Digital control	Required	ELE301	4	Department
	CEN494	Project I	Required	90 Credit CEN342 CEN433 CEN444 CSC343	2	Department
	CSC465	System Programming	Required	CEN326	3	College
	GEN402	Management Of Engineering Projects	Required	CSC343	3	Department
4th Year **Semester 2**	CEN448	Networks & Information Security	Required	CEN445	3	Department
	CEN459	Intelligent Systems and Robotics	Required	CEN455	3	Department
	CEN491	Selected Topic in CEN	Required		3	Department
	CEN495	Project (II)	Required	CEN494	3	Department
	ELE417	Integrated Circuits Design	Required	CEN211 ELE312	4	Department