



Degree Plans

maior : 140300 Computer Engineering

edition : 27

hours : 164

level			
course code	course name	prerequisite	prerequisite course
403101-4	General Physics I		
800101-4	Calculus I		
605101-2	The Holy Our'aan I		
705101-80	English Language I		
601101-2	Islamic Culture I		
804151-2	Engineering Drawing I		

level			
course code	course name	prerequisite	prerequisite course
403102-4	General Physics II	403101-4	General Physics I
800102-4	Calculus II	800101-4	Calculus I
605201-2	The Holy Our'aan II	605101-2	The Holy Our'aan I
705102-80	Communication Skills in English I	705101-80	English Language I
601201-2	Islamic Culture II	601101-2	Islamic Culture I
804231-2	Workshon Basics	804151-2	Engineering Drawing I

level			
course code	course name	prerequisite	prerequisite course
800201-3	Geometrical Math I	800102-4	Calculus II
1401102-3	Computer Programming		
605301-2	The Holy Our'aan III	605201-2	The Holy Our'aan II
102101-2	The Biography of Prophet Muhammad (pbuh)		
705103-80	Communication Skills in English II	705102-80	Communication Skills in English I
501101-2	Arabic Language		

level			
course code	course name	prerequisite	prerequisite course
802301-4	Electrical Circuits I	403101-4	General Physics I
		800102-4	Calculus II
800202-3	Geometrical Math II	800201-3	Geometrical Math I
1401104-3	Structured Programming	1401102-3	Computer Programming
402101-4	General Chemistrv		
605401-2	The Holy Our'aan IV	605301-2	The Holy Our'aan III

level			
course code	course name	prerequisite	prerequisite course
802321-3	Signal Analysis	802301-4	Electrical Circuits I
		800201-3	Geometrical Math I
1403311-4	Electronics	403102-4	General Physics II
		802301-4	Electrical Circuits I
1403271-4	Switching Theorv	802301-4	Electrical Circuits I
601301-3	Islamic Culture III	601201-2	Islamic Culture II
804343-3	Engineering Probabilitv & Statistics		

level			
course code	course name	prerequisite	prerequisite course
1403381-3	Numerical Analysis	800202-3	Geometrical Math II
		1401102-3	Computer Programming
1401105-3	Advanced Proerammine	1401104-3	Structured Programming
1403372-4	Computer Organization	1403271-4	Switching Theorv
		1403311-4	Electronics
601401-2	Islamic Culture IV	601301-3	Islamic Culture III
1403312-4	Digital Electronic Systems and Circuits	1403311-4	Electronics
1403300-2			

level			
course code	course name	prerequisite	prerequisite course
1403322-3	Computer Communication System	802321-3	Signal Analysis
1401218-4	Data Structures and Algorithms	1401105-3	Advanced Programming
804344-2	engineering economics		
1403371-4	Advanced Logic Design	1403271-4	Switching Theorv
1401210-3	Discrete Structures		
1403401-2	Seminar		

level			
course code	course name	prerequisite	prerequisite course
1403422-4	Computer Networks	1403322-3	Computer Communication System
1403489-4	Microprocessors	1403372-4	Computer Organization
1403472-3	Computer Architecture	1403372-4	Computer Organization
1403400-2	Summar training 2		
1403484-3	Distributed Databases	1401218-4	Data Structures and Algorithms
1401311-3	Operatine Svstems	1403372-4	Computer Organization

level			
course code	course name	prerequisite	prerequisite course
1403364-3	Basics of Integrated Circuits Desien	1403311-4	Electronics
1403450-4	Microcomputers Svstem Design	1403489-4	Microprocessors
804345-2	Engineering Management	804344-2	engineering economics
1403499-4	Proiect		

level			
course code	course name	prerequisite	prerequisite course
1403487-3	Process Control	1403450-4	Microcomputers Svstem Design
1401313-3	Software Engineering	1401218-4	Data Structures and Algorithms

level			
course code	course name	prerequisite	prerequisite course
1403478-3	Computer Vision	1401218-4	Data Structures and Algorithms
1403481-3	Neural Networks		
1403480-3	Artificial Intelligence	1401218-4	Data Structures and Algorithms
1403490-3	Special Topics		
1403476-3	Simulation and Modelling	1401218-4	Data Structures and Algorithms
1403464-3	Design of Integrated Circuits	1403364-3	Basics of Integrated Circuits Design
1403421-3	Digital Signal Analysis	1403381-3	Numerical Analysis
1403446-3	Mobile Computers	1403422-4	Computer Networks