



Computer Science Department Planner at Adam University College

Major: 680300 Computer Science

Recommendation: 35

Total Hours: 160

First Semester				Second Semester			
Course Num	Course Name	Prerequisite	Prerequisite Name	Course Num	Course Name	Prerequisite	Prerequisite Name
6803101-3	Introduction to Computer Science			6803103-3	Computer Programming-LAB	6803101-3	Introduction to Computer Science
6802101-4	Integration and Differentiation-1			6802102-4	Integration and Differentiation-2	6802101-4	Integration and Differentiation-1
6821101-2	Islamic Culture-1			6821201-2	Islamic Culture-2	6821101-2	Islamic Culture-1
6812101-2	English Language			6812105-3	English Speaking Skills	6812101-2	English Language
6820101-2	Quraan-1			6802103-4	General Physics		
6803102-3	Introduction to Information Systems						
Third Semester				Fourth Semester			
Course Num	Course Name	Prerequisite	Prerequisite Name	Course Num	Course Name	Prerequisite	Prerequisite Name
6803204-3	Structural Programming	6803103-3	Computer Programming-LAB	6803205-3	Advanced Programming-LAB	6803204-3	Structural Programming
6803251-4	Introduction to Set Theory			6803210-3	Discrete Structures	6803251-4	Introduction to Set Theory
6803213-3	Logic Analysis and Design	6803101-3	Introduction to Computer Science	6803211-3	Web Programming	6803103-3	Computer Programming-LAB
6803131-3	Principles of Statistics and Probability	6802102-4	Integration and Differentiation-2	6820201-2	Quraan-2	6820101-2	Quraan-1
6801101-2	Arabic Language			6803214-3	Computer Organization and Assembly Language	6803213-3	Logic Analysis and Design
6828101-2	Prophet Mohammad's Biography			6821301-3	Islamic Culture-3	6821201-2	Islamic Culture-2
Fifth Semester				Sixth Semester			
Course Num	Course Name	Prerequisite	Prerequisite Name	Course Num	Course Name	Prerequisite	Prerequisite Name
6803318-4	Data Structures and Algorithms	6803205-3	Advanced Programming-LAB	6803327-3	Files Processing and Organization	6803318-4	Data Structures and Algorithms
6803317-3	Logic Programming	6803210-3	Discrete Structures	6803331-4	Programming Languages	6803205-3	Advanced Programming-LAB
6803316-3	Multimedia Systems	6803211-3	Web Programming			6803317-3	Logic Programming
6820301-2	Quraan-3	6820201-2	Quraan-2	6803322-3	System Analysis and Design	6803102-3	Introduction to Information Systems
6803315-3	Computer Architecture	6803214-3	Computer Organization and Assembly Language	6820401-2	Quraan-4	6820301-2	Quraan-3
6821401-2	Islamic Culture-4	6821301-3	Islamic Culture-3	6803333-3	Internet Applications Development	6803316-3	Multimedia Systems
Seventh Semester				Eighth Semester			
Course Num	Course Name	Prerequisite	Prerequisite Name	Course Num	Course Name	Prerequisite	Prerequisite Name
6803411-3	Operating Systems	6803315-3	Computer Architecture	6803432-3	Introduction to Artificial Intelligence	6803415-3	Computing Theory
6803415-3	Computing Theory	6803327-3	Files Processing and Organization	6803435-3	Avancecd Databases	6803412-3	Principles of Databases
		6803331-4	Programming Languages	6803433-3	Human Computer Interaction	6803316-3	Multimedia Systems
6803412-3	Principles of Databases	6803327-3	Files Processing and Organization	6803434-3	Parallel Distributed Systems	6803411-3	Operating Systems
		6803322-3	System Analysis and Design	6803430-3	Computer Graphics-LAB	6803316-3	Multimedia Systems
6803413-3	Software Engineering	6803322-3	System Analysis and Design				
6803410-3	Compiler Construction	6803331-4	Programming Languages				
Ninth Semester				Tenth Semester			
Course Num	Course Name	Prerequisite	Prerequisite Name	Course Num	Course Name	Prerequisite	Prerequisite Name
6803519-4	Research Project	6803411-3	Operating Systems	6803531-3	Computer and Society		
		6803435-3	Avancecd Databases	6803532-3	Computer Security Systems	6803411-3	Operating Systems
6803514-3	Natural Languages Processing	6803432-3	Introduction to Artificial Intelligence	6803533-3	Chosen Subjects in Computer Science-2		
6803513-3	Expert Systems	6803432-3	Introduction to Artificial Intelligence	6803539-4	Graduation Project	6803519-4	Research Project
6803518-3	Chosen Subjects in Computer Science-1			6803530-3	Computer Arabization Systems	6803514-3	Natural Languages Processing
6803517-3	Computer Networks Systems	6803411-3	Operating Systems				