

Name: _____ ID: _____ Email: _____

Major Concentration Field: Computer Science Track: _____

Instructions: Print or type on the required fields.

Indicate the term when you expect to attend the course (e.g 2014F, 2015S)

The levels indicate the standard academic program.

Fill out the course code for elective courses including elective Islamic culture courses, elective Arab courses, professional courses, general courses, science courses, and elective track courses

First Year									
Level 1					Level 2				
Term	Code	Course	Credit	Grade	Term	Code	Course	Credit	Grade
	ENG 001	Preparatory English 1	8			ENG 002	Preparatory English 2	6	
	MATH 001	Introduction to Mathematics 1	2			ENG 003	English for science and Engineering	2	
	CS 001	Computer Skills	2			Math 002	Introduction to Mathematics 2	4	
	SKL 001	Learning & Communication Skills	2			PHY 001	General Physics	3	
Second Year									
Level 3					Level 4				
Term	Code	Course	Credit	Grade	Term	Code	Course	Credit	Grade
		Elective Islamic Culture (1) ¹	2				Elective Arab Course ²	2	
	CS 110	Programming 1	4			CS 120	Programming 2	4	
	MATH 112	Calculus 1	3			MATH 122	Calculus 2	3	
	MATH 111	Discrete Mathematics	3			ENG 124	Technical English 2	2	
	PHY 104	Physics 1	3			PHY 204	Physics 2	3	
	ENG 114	Technical English 1	2			STAT 102	Probability and Statistics	3	
Third Year									
Level 5					Level 6				
Term	Code	Course	Credit	Grade	Term	Code	Course	Credit	Grade
		Elective Islamic Culture (2) ¹	2			CS 240	Operating Systems	3	
	CS 210	Data Structure	3				Science Elective ⁷	3	
	MATH 204	Differential Equations	3			CS 312	Computer organization	3	
	IS 231	Fundamental of Database	3			CS 270	Programming Languages	3	
	MATH 107	Linear Algebra	3				Elective General Course 1 ³	2	
		Elective Professional Course 1 ⁴	2				Elective Islamic Culture (3) ¹	2	

Student Signature: _____

Date: _____

Faculty Advisor Signature: _____

Date: _____

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Fourth Year									
Level 7					Level 8				
Term	Code	Course	Credit	Grade	Term	Code	Course	Credit	Grade
	CS 310	Computer Graphics	3			CS 350	Parallel and Distributed Computing	3	
	CS 305	Algorithm Design and Analysis	3			CS 360	Software Engineering	3	
	CS 320	Artificial Intelligence	3			MATH 254	Numerical Methods	3	
	CS 330	Compilers	2			IT 481	Ethics & Professional Practice	3	
	IT 341	Data Transmission and Computer Networks	1			CS 399	Seminar	2	
		Elective General Course 2 ³	2			IS 334	Project Management	3	
Fifth Year									
Level 9					Level 10				
Term	Code	Course	Credit	Grade	Term	Code	Course	Credit	Grade
	CS 450	Information Security	3				Track Course ^{5/6}	3	
		Track Course ^{5/6}	3				Track Course ^{5/6}	3	
		Track Course ^{5/6}	3			CS 408	Database Management Systems	3	
	CS 498	Graduation Project 1	2			CS 499	Graduation Project 2	3	
	CS 400	Summer Training	1				Elective Professional Course 3 ⁴	2	
		Elective Professional Course 2 ⁴	2						

NOTES:

1- ISL 101 Introduction to Islamic Culture, ISL 102 Islam and Society Building , ISL 103 Economic System in Islam , and ISL 104 Fundamental of Political System in Islam.

2- ARAB 101 Arabic Language Skills , and ARAB 102 Arabic Writing.

3- Principles of Health and Fitness, Business Entrepreneurship, Societal Issues, Human Rights, Family and Childhood Systems, and General English

4-List of professional courses

5-CS 430 Design and Architecture of Large Software System, CS 431 Low-Level Design of Software, CS 432 Software Modeling and Analysis, CS 433 Software Project Management, CS 434 Software Evolution (Maintenance), and CS 435 Software Architectures

6- CS 440 Coding and Information Theory, CS 441 Security Management, CS 442 Computer Security, CS 443 Formal Methods for Cryptography, CS 444 Internet Security, tools & techniques, and CS 445 Network Management and Security

7-List of Elective Sciences courses.

ADDITIONAL COURSES

Credit Grade

Student Signature: _____

Date: _____

Faculty Advisor Signature: _____

Date: _____