



الخطة الدراسية لقسم تقنية المعلومات Study Plan of Information Technology Dept.

First semester

Course No.	Course Title	Unit	Prerequisite
GENI-101	English I	3	-
ENGI-111	Mathematics I	3	-
ENGI-132	Physics I	3	-
ITE-100	IT Fundamentals	3	-
GENI-104	Arabic language	3	-
ITE-101	Programming I	3	-
	*Total	18	

Second semester

Course No.	Course Title	Unit	Prerequisite
GENI-201	English II	3	GENI-101
ENGI-211	Mathematics II	3	ENGI-111
ITE-201	Programming II	3	ITE-101
ITE-202	Digital Logic Design	3	-
ITE-203	Introduction to Probability & Statistics	3	-
GENI-105	Islamic Education	3	-
	*Total	18	

Third semester

Course No.	Course Title	Unit	Prerequisite
ITE-301	Linear Algebra	3	ENGI-211
ITE-302	Object Oriented Programming (OOP)	3	ITE-101
ITE-303	Introduction to Internet Programming	3	-
ITE-304	Database System	3	ITE-101
ITE-305	Introduction to Software Engineering	3	ITE-101
GENI-103	Computer Skills	3	
	*Total	18	

Fourth Semester

Course No.	Course Title	Unit	Prerequisite
ITE-401	Data Structures	3	ITE-302
ITE-402	Multimedia Technology	3	-
ITE-403	Introduction to Information System	3	ITE-201
ITE-404	Introduction to Programming .Net	3	ITE-302
ITE-405	Advanced Database System	3	
ITE-406	Introduction to Computer Network	3	
	*Total	18	



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Fifth Semester

Course No.	Course Title	Unit	Prerequisite
ITE-501	Computer Architecture	3	ITE-202
ITE-502	Software Requirements & Specification	3	ITE-305
ITE-503	Numerical Analysis	3	ITE-301
ITE-504	Advanced to Internet Programming	3	ITE-404
ITE-505	Software Development Process	3	ITE-404
ITE-506	Data Analysis Algorithms	3	ITE-401
	*Total	18	

Sixth Semester

Course No.	Course Title	Unit	Prerequisite
ITE-601	Operating Systems	3	ITE-501
ITE-602	Software Design & Architecture	3	ITE-506
ITE-603	Mobile & Wireless Networks	3	ITE-406
ITE-604	Human Computer Interactions	2	ITE-305
ITE-605	Artificial Intelligent	2	ITE-406
ITE-606	Software Metrics & Testing	3	ITE-305
	*Total	16	

Seventh Semester

Course No.	Course Title	Unit	Prerequisite
ITE-701	Graduation Project 1	6	-
ITE-702	Software Design patterns	3	ITE-606
ITE-703	Distributed Systems	3	ITE-601
ITE-704	Formal Specifications & Design methods	3	ITE-505
ITE-705	Research Methods	3	
	*Total	18	

Eighth Semester

Course No.	Course Title	Unit	Prerequisite
ITE-801	Graduation Project II	10	ITE-701
ITE-802	Software Project Management	3	ITE-305
ITE-803	Software Quality	3	ITE-602
ITE-804	Ethics & Professional Practice	2	
	*Total	18	

*Total Units: 142 Total Courses: 46