



Study Plan

Study Plan : BITCDC201701

Course Code	Course Name	Prerequisite	CH
Year 1 FALL			
GED101	Computer Applications		3
GED102	English Writing Skills		3
GED104	Islamic Culture		3
GED107	UAE Society & Culture		3
GED108	Introduction to Arts		3
Year 1 SPRING			
GED109	Critical Thinking		3
GED105	Environmental Studies		3
MTH103	Discrete Math		3
ITG102	Management Information System	GED101	3
ITG105	Introduction to Computer Science		3
Year 2 FALL			
ITG201	Fundamentals of Web Technologies	GED101	3
ITG202	Fundamentals of Networking	ITG105	3
ITG203	Computer Programming Fundamentals	MTH103	3
ITG204	Fundamentals of Database	GED101	3
ITG205	Computer Architecture and Organization	ITG105	3
Year 2 SPRING			
ITG206	Object Oriented Programming	ITG203	3
ITG207	Network Communications and Security		3
ITG208	Operating System	ITG203	3
ITG209	Software Engineering	ITG105	3
ITG210	Database Programming	ITG204	3
Year 3 FALL			
ITG301	Web Development	ITG201	3
ITG302	Human Computer Interaction		3
ITG303	Cloud Computing	ITG207	3
ITG304	Information Assurance and Security	ITG203	3
ITG305	Distributed Systems	ITG208	3
Year 3 SPRING			
ITG308	Intelligent Systems	ITG206	3
ITG310	Data Warehousing	ITG210	3
ITG311	System Analysis and Design	ITG209	3
ITCC321	Cloud Virtualization	ITG303	3

ITCC322	Cloud Computing Security		3
Year 4 FALL			
ITCC411	Network Virtualization Administration	ITCC321	3
RESM202	Research Methodology	STAT201,MTH103	3
ITG401	IT Project Management	ITG209	3
ITG402	Integrative Programming and Technologies	ITG204	3
ITG404	e-Commerce	ITG301	3
Year 4 SPRING			
ITG406	IT and Society		3
ITG407	Software Quality Management		3
ITG408	Graduation Project		3
ITCC421	Special Topics in Cloud Computing	ITCC411	3
GED110	Innovation and Entrepreneurship		3
Y4 Summer			
ITG409	Internship		3