



Associate Degree in Computer Science

Study Plan (22 Courses / 66 Credit Hours)

Remedial Courses

SN	Course ID	Course Title
1.	CSEL1	English Pre-Intermediate - Level I ... 90 Teaching Hours
2.	CSEL2	English Intermediate - Level II ... 90 Teaching Hours
3.	TCS101	TOEFL Preparation Class ... 45 Teaching Hours
4.	PrepMath	Preparatory Mathematics ... 45 Teaching Hours

General Education Courses ... 18 Credit Hours

SN	Course ID	Course Title	Prerequisite
1.	CSC 111	PC Operations and Applications	None
2.	ART 100	Introduction to Arts	None
3.	ISL 110	Islamic Culture	None
4.	ENV 100	Introduction to Environmental Studies and Issues	None
5.	SOC 101	UAE Society	None
6.	ENG 101	General English	None

Core Courses ... 48 Credit Hours

SN	Course ID	Course Title	Prerequisite
1.	MAT 101	Discrete Mathematics	None
2.	CSC 121	Introduction to Computer Systems	CSC 111
3.	CSC 122	Introduction to Computer Programming and Algorithms	None
4.	CSC 231	Introduction to RDBMS	CSC 122
5.	CSC 232	Introduction to Computer Networks	CSC 121
6.	BUS 260	Critical Thinking	None
7.	CSC 234	Systems Analysis and Design	CSC 122
8.	CSC 235	Software Development Process	CSC 122
9.	CSC 236	Object Oriented Programming Using C++	CSC 122
10.	CSC 237	e-Commerce	None
11.	CSC 241	Database Programming	CSC 231
12.	CSC 242	Information Security	MAT 101
13.	CSC 243	Computer Network Architecture & Protocols	CSC 232
14.	CSC 244	Internet Programming	CSC 237
15.	CSC 245	Computer Architecture	CSC 121
16.	CSC 251	Software Project	45 Credit Hours

Associate Degree in Computer Science

Fall Semester

SN	Course ID	Course Title	Prerequisite	Credit Hour	Type
1.	CSC 111	PC Operations and Applications	None	3	General
2.	ART 100	Introduction to Arts	None	3	General
3.	ISL 110	Islamic Culture	None	3	General
4.	ENV 100	Introduction to Environmental Studies and Issues	None	3	General
5.	SOC 101	UAE Society	None	3	General
Total				15	

Spring Semester

SN	Course ID	Course Title	Prerequisite	Credit Hour	Type
6.	ENG 101	General English	None	3	General
7.	MAT 101	Discrete Mathematics	None	3	Core
8.	CSC 121	Introduction to Computer Systems	CSC 111	3	Core
9.	CSC 122	Introduction to Computer Programming and Algorithms	None	3	Core
10.	BUS 260	Critical Thinking	None	3	Core
Total				15	

Fall Semester

SN	Course ID	Course Title	Prerequisite	Credit Hour	Type
11.	CSC 231	Introduction to RDBMS	CSC 122	3	Core
12.	CSC 232	Introduction to Computer Networks	CSC 121	3	Core
13.	CSC 234	Systems Analysis and Design	CSC 122	3	Core
14.	CSC 235	Software Development Process	CSC 122	3	Core
15.	CSC 236	Object Oriented Programming Using C ⁺⁺	CSC 122	3	Core
16.	CSC 237	e-Commerce	None	3	Core
Total				18	

Spring Semester

SN	Course ID	Course Title	Prerequisite	Credit Hour	Type
17.	CSC 241	Database Programming	CSC 231	3	Core
18.	CSC 242	Information Security	MAT 101	3	Core
19.	CSC 243	Computer Network Architecture & Protocols	CSC 232	3	Core
20.	CSC 244	Internet Programming	CSC 237	3	Core
21.	CSC 245	Computer Architecture	CSC 121	3	Core
Total				15	

Summer Semester

SN	Course ID	Course Title	Prerequisite	Credit Hour	Type
22.	CSC 251	Software Project	45 Cr. Hr.	3	Core
Total				3	