

Year	Semester 1					Semester 2					
	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	
1	1	AR113	Arabic Communication Skills I	EF003 & IT100 & MA10P	3	1	EL112	English Communication Skills II	EL111	3	
	2	EL111	English Communication Skills I	EF003 & IT100 & MA10P	3	2	GR131/ GR111	University Elective	EF003 & IT100 & MA10P	3	
	3	GT101	Learning and Information Technology	EF003 & IT100 & MA10P	3	5	MST129	Applied Calculus	EF003 & IT100 & MA10P	4	
	4	GR118	Life Skills and Coexistence	EF003 & IT100 & MA10P	3	4	M110	Python Programming	EL111	8	
Total Hours in Semester					12	Total Hours in Semester					18

Year	Semester 3					Semester 4					
	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	
2	1	MT131	Discrete Mathematics	EL111	4	1	M251	Object-Oriented Java Programming	TM105	8	
	2	TM112	Introduction to Computing and Information Technology 2	M110	8	2	TM255	Communication and Information Technologies	TM112	8	
	3	TM105	Introduction to Programming	EL111	4	3	MT132	Linear Algebra	EL111	4	
Total Hours in Semester					16	Total Hours in Semester					20

Year	Semester 5					Semester 6					
	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	
3	1	M269	Algorithms, Data structures and Computability	M110 & MT131	8	1	TM351	Data Management and Analysis	M2569 or M251	8	
	2	T215B	Communication & Information Technology B	TM255	8	2	TM354	Software engineering	M251	8	
	3	TM103	Computer Organization and Architecture	EL111	4	3	TM291	Database Management Systems	M110	3	
						4	ITC309	Industrial Training	completeing > 90 credit hours	0	
Total Hours in Semester					20	Total Hours in Semester					19

Year	Semester 7					Semester 8					
	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	#	Course Code	Course Title	Pre-Requisites	Cr. Hrs.	
4	1	TM355	Communications Technologies	T215B	8	1	T471-II	Graduation Project (ITC) - II	TM471-I	4	
	2	T471-I	Graduation Project (ITC) - I	TM355 / TM354 / TM351	4	2	TM260	Security, Ethics and Privacy in IT and Computing	M110	4	
	3	M109	.Net Programming	M110	3	3	GB102E	English Communication Skills II	EL112	3	
Total Hours in Semester					15	Total Hours in Semester					11

Core Programme Courses
Faculty Elective Courses
Faculty Requirement Courses
University Requirement Courses
University Elective Courses

**Total Credits: 131**