



## First Year

### First Semester

NO	Subject	Theoretical	Practical	Tutorial	Units	Code
1	Mathematics I	3	-	1	3	MAT 2110
2	Digital Systems Design I	2	3	1	3	MTE 2111
3	Electrical Circuits Analysis I	2	3	1	3	MTE 2112
4	Computer Programming (C++ ) I	2	2	1	3	PRL 2113
5	Engineering Drawing	-	3	-	1	DRW 2114
6	Human Rights	1	-	-	1	HRS 2115
7	English Language I	2	-	-	2	ENL 2116
8	Arabic Language	2	-	-	2	ARL 2117
Total		14	11	4	18	

### Second Semester

NO	Subject	Theoretical	Practical	Tutorial	Units	Code
1	Mathematics II	3	-	1	3	MAT 2120
2	Digital Systems Design II	2	3	1	3	MTE 2121
3	Electrical Circuits Analysis II	2	3	1	3	MTE 2122
4	Computer Programming (C++ ) II	2	2	-	3	PRL 2123
5	Sound and Audio Technology	2	2	1	3	MTE2124
6	Freedom & Democracy	1	-	-	1	FRD 2125
7	English Language II	2	-	-	2	ENL 2126
8	Computer fundamentals	2	-	-	2	MTE2127
Total		16	10	4	20	



## Second Year

### First Semester

NO	Subject	Theoretical	Practical	Tutorial	Units	Code
1	Engineering Mathematics I	3	-	1	3	MAT2210
2	Electronics I	2	3	-	3	MTE 2211
3	Film and Video Technology I	2	2	-	3	MTE 2212
4	Object Oriented programming I	2	2	-	3	PRL 2213
5	Computer Networks	3	2	-	4	MTE 2214
6	Electromagnetic Fields	2	-	1	2	MTE 2215
7	Microprocessors	2	2	1	3	MTE 2216
	<b>Total</b>	<b>16</b>	<b>11</b>	<b>3</b>	<b>21</b>	

### Second Semester

NO	Subject	Theoretical	Practical	Tutorial	Units	Code
1	Engineering Mathematics II	3	-	1	3	MAT 2220
2	Electronics II	2	3	-	3	MTE 2221
3	Film and Video Technology II	2	2	1	3	MTE 2222
4	Object Oriented programming II	2	2	-	3	PRL 2223
5	Communication Fundamentals	3	2	1	4	MTE 2224
6	Statistics and Probability	2	-	-	2	STP 2225
7	Media Laws and Ethics	2	-	-	2	ETH 2226
	<b>Total</b>	<b>16</b>	<b>9</b>	<b>3</b>	<b>20</b>	



## Third Year

### First Semester

NO	Subject	Theoretical	Practical	Tutorial	Units	Code
1	Embedded Systems I	2	2	-	3	MTE 2310
2	(Elective topic I) Computer Control	2	2	1	3	MTE 2311
3	Digital Signal Processing	2	-	-	2	MTE 2312
4	Web Engineering	2	2	1	3	WEB 2313
5	Virtual Reality	2	2	-	3	VIR 2314
6	Information Theory & Coding	2	2	-	3	MTE 2315
7	Antenna and Wave Propagation	2	2	1	3	MTE 2316
	<b>Total</b>	<b>14</b>	<b>12</b>	<b>3</b>	<b>20</b>	

### Second Semester

NO	Subject	Theoretical	Practical	Tutorial	Units	Code
1	Embedded Systems II	2	2	-	3	MTE 2320
2	Digital Communications	3	2	1	4	MTE 2321
3	Digital Image Processing	2	2	-	3	MTE 2322
4	Multimedia Systems	2	-	1	2	MTE 2323
5	(Elective topic II) Human Computer Interaction	2	2	-	3	HCI 2324
6	Computer Networks Protocols	3	2	-	4	MTE 2325
7	Montage and Digital Effects	2	2	-	2	MTE 2326
	<b>Total</b>	<b>16</b>	<b>12</b>	<b>2</b>	<b>21</b>	



## Fourth Year First Semester

NO	Subject	Theoretical	Practical	Tutorial	Units	Code
1	Graduation Project I	1	2	-	2	PRJ 2410
2	Satellite Communications	3	2	-	4	MTE 2411
3	Wireless and Mobile Communications	2	2	1	3	MTE 2412
4	Computer Networks Administration	2	3	1	3	MTE 2413
5	(Elective topic III) Cloud computing	2	2	1	3	MTE 2414
6	Project Management I	2	2	-	3	PMT 2415
7	English Language III	2	-	-	2	ENL 2416
Total		14	13	3	20	

## Second Semester

NO	Subject	Theoretical	Practical	Tutorial	Units	Code
1	Graduation Project II	1	2	-	2	PRJ 2420
2	Broadcast Systems Engineering	2	2	1	3	MTE 2421
3	SNG Satellite News Gathering	2	2	1	3	MTE 2422
4	(Elective topic IV) Information Security	2	2	1	3	MTE 2423
5	Social Media Technology	2	3	-	3	MTE 2424
6	Project Management II	2	2	-	3	PMT 2425
7	English Language IV	2	-	-	2	ENL 2426
Total		13	13	3	19	



### تفاصيل المناهج الدراسية للكلية

المرحلة	الفصل الدراسي	عدد المواد الدراسية	عدد ساعات النظري/اسبوعيا	عدد ساعات العملي/اسبوعيا	عدد الوحدات/اسبوعيا
الاولى	الفصل الاول	٨	١٤	١١	١٨
	الفصل الثاني	٨	١٦	١٠	٢٠
الثانية	الفصل الاول	٧	١٦	١١	٢١
	الفصل الثاني	٧	١٦	٩	٢٠
الثالثة	الفصل الاول	٧	١٤	١٢	٢٠
	الفصل الثاني	٧	١٦	١٢	٢١
الرابعة	الفصل الاول	٧	١٤	١٣	٢٠
	الفصل الثاني	٧	١٣	١٣	١٩
		٥٨	١١٩	٩١	١٥٩

ملاحظة: مدة الفصل الدراسي ١٥ اسبوع

### ملخص المناهج الدراسية للكلية

التفاصيل	عدد المواد	عدد الوحدات
اجمالي المناهج الدراسية	58	159
متطلبات جامعه	3	4
متطلبات كلية هندسة	11	27
متطلبات قسم تخصصية	26	73
المواد حاسوبية وبرمجية واخرى سائده	21	55
مواد اختيارية *	*10	*23
عدد الساعات للسنوات الاربعة	3150	





## Optional Courses

No.	Subject	Theoretical	Practical	Total units	year
1	Introduction to Media Technology	1	0	1	First
2	Audio and Video Technology	2	2	3	Third
3	Computer vision	2	2	3	Third
4	Studio engineering techniques	2	2	3	Third
5	Media management	2	0	2	Fourth
6	Media technology	2	0	2	Fourth
7	Internet of things IoT	2	0	2	Fourth
8	Data mining	2	0	2	Fourth
9	Interactive television and broadband wireless networks	2	2	3	Fourth
10	Mobile broadcasting systems	2	-	2	Fourth

