



Republic of Iraq - Ministry of Higher Education and Scientific Research
University of Technology
Bachelor's degree in Electrical Engineering / Electrical Engineering (First cycle)
Four years (Eight semesters) - 240 ECTS credits - 1 ECTS = 25 hr
Program Curriculum (2023 - 2024)

جمهورية العراق - وزارة التعليم العالي والبحث العلمي
الجامعة التكنولوجية
بكالوريوس في الهندسة الكهربائية / الهندسة الكهربائية (الدورة الأولى)
أربع سنوات (ثمانية فصول دراسية) - 240 وحدة ائتمانية - كل وحدة ائتمانية = 25 ساعة
المنهاج الدراسي للعام 2023-2024



Level	Semester	No.	Module Code	Module Name in English	اسم المادة الدراسية	Language	SSWL (hr/w)						Exam hr/sem	SSWL hr/sem	USSW L hr/sem	SWL hr/sem	ECTS	CR (Units)	Module Type	Prerequisite Module(s) Code
							CL (hr/w)	Lect (hr/w)	Lab (hr/w)	Pr (hr/w)	Tut (hr/w)	Semn (hr/w)								
One	1	DEHR105	Democracy and Human Rights	ديمقراطية وحقوق انسان	Arabic	2						3	33	17	50	2.00	2	B	None	
	2	WSHE106	Workshops	معامل	Arabic				6			0	90	10	100	4.00	4	S	None	
	3	COSC108	Computer	الحاسوب	English	1		2				3	48	27	75	3.00	2	B	None	
	4	EDAC111	Engineering Drawing and AutoCAD	الرسم الهندسي والايوتوكاد	English			2	2			3	63	12	75	3.00	2	S	None	
	5	FUEE112	Fundamentals of Electrical Engineering 1	اسس الهندسة الكهربائية 1	English	3		2		1		3	93	82	175	7.00	4	C	None	
	6	MATH113	Mathematics 1	الرياضيات 1	English	3				1		3	63	87	150	6.00	3	B	None	
	7	MEEN114	Mechanical Engineering	الهندسة الميكانيكية	English	3						3	48	77	125	5.00	3	B	None	
						Total	12	0	6	8	2	0	18	438	312	750	30.00	20		
Two	1	WSHE106	Workshops	معامل	Arabic				6			0	90	10	100	4.00	4	S	None	
	2	ENLA107	English Language	اللغة الانكليزية	English	2						3	33	17	50	2.00	2	B	None	
	3	DITE121	Digital Techniques	تقنيات رقمية	English	3		2				3	78	47	125	5.00	4	C	None	
	4	FUEE122	Fundamentals of Electrical Engineering 2	اسس الهندسة الكهربائية 2	English	3		2		1		3	93	82	175	7.00	4	C	FUEE112	
	5	MATH123	Mathematics 2	الرياضيات 2	English	3				1		3	63	87	150	6.00	3	B	MATH113	
	6	PHEL124	Physics of Electronics	فيزياء الإلكترونيات	English	4						3	63	87	150	6.00	4	C	None	
						Total	15	0	4	6	2	0	15	420	330	750	30.00	21		

Level	Semester	No.	Module Code	Module Name in English	اسم المادة الدراسية	Language	SSWL (hr/w)						Exam hr/sem	SSWL hr/sem	USSWL hr/sem	SWL hr/sem	ECTS	CR (Units)	Module Type	Prerequisite Module(s) Code
							CL (hr/w)	Lect (hr/w)	Lab (hr/w)	Pr (hr/w)	Tut (hr/w)	Semn (hr/w)								
UGI	Three	1																		
		2																		
		3																		
		4																		
		5																		
		6																		
	Total							0	0	0	0	0	0	0	0	0.00	0.00			
UGII	Four	1																		
		2																		
		3																		
		4																		
		5																		
		6																		
	Total							0	0	0	0	0	0	0	0.00	0.00				
UGIII	Five	1	EEU311										#REF!		#REF!	#REF!				
		2	EEC312											#REF!		#REF!	#REF!			
		3	EEC313											#REF!		#REF!	#REF!			
		4	EEC314											#REF!		#REF!	#REF!			
		5	EED315											#REF!		#REF!	#REF!			
		6	EEU316											#REF!		#REF!	#REF!			
	Total							0	0	0	0	0	0	#REF!	0	#REF!	#REF!			
UGIII	Six	1	EEU321										#REF!		#REF!	#REF!				
		2	EEC322											#REF!		#REF!	#REF!			
		3	EEC323											#REF!		#REF!	#REF!			
		4	EEC324											#REF!		#REF!	#REF!			
		5	EED325											#REF!		#REF!	#REF!			
		6	EEU326											#REF!		#REF!	#REF!			
	Total							0	0	0	0	0	0	#REF!	0	#REF!	#REF!			
UGIV	Seven	1											#REF!		#REF!	#REF!				
		2												#REF!		#REF!	#REF!			
		3												#REF!		#REF!	#REF!			
		4												#REF!		#REF!	#REF!			
		5												#REF!		#REF!	#REF!			
		Total							0	0	0	0	0	0	#REF!	0	#REF!	#REF!		
	UGIV	Semester	No.	Module Code	Module Name in English	اسم المادة الدراسية	Language	SSWL (hr/w)						Exam hr/sem	SSWL hr/sem	USSWL hr/sem	SWL hr/sem	ECTS	CR (Units)	Module Type

Eight	1											#REF!		#REF!	#REF!								
	2											#REF!		#REF!	#REF!								
	3											#REF!		#REF!	#REF!								
	4											#REF!		#REF!	#REF!								
	5											#REF!		#REF!	#REF!								
												Total	0	0	0	0	0	0	#REF!	0	#REF!	#REF!	
												Total	27	0	10	14	4	0	#REF!	642	#REF!	#REF!	Must be 240 ECTS

Note: The student should complete 4 weeks of Summer Internships to fulfill the requirements of the Bachelor's degree

Structured SWL (hr/w) type	CL	Class Lecture	Module type	B	Basic learning activities	SWL:	Student Workload
	Lab	Laboratory		C	Core learning activity	SSWL:	Structured SWL
	Pr	Practical Training		S	Support or related learning activity	USSWL:	Unstructured SWL
	Tut	Tutorial		E	Elective learning activity		
	Lect	Online lecture					
	Sem	Seminar					

Note: Columns O, Q and R are programmed, protected and should not be edited

