Republic of Iraq - Ministry of Higher Education and Scientific Research

Northern Technical University

Diploma and Bachelor's Degree in Network and Computer Software Engineering Techniques (Polytechnic College - First cycle)

Two years (Four semesters) - 120 ECTS / Four years (Eight semesters) - 240 ECTS - 1 ECTS = 25 hr

Program Curriculum (2024 - 2025)

جمهورية العراق - وزارة التعليم العالي والبحث العلمي

الجامعة التقنية الشمالية

دبلوم و بكالوريوس تقني في تخصص هندسة تقنيات الشبكات وبرمجيات الحاسوب (كلية بوليتيكنيك الدورة الأولى)

سنتان (اربع فصول دراسية) - 120 وحدة اوربية / أربع سنوات (ثمانية فصول دراسية) - ٢٤٠ وحدة اوربية - كل وحدة اوربية = ٢٥ ساعة

المنهاج الدراسي للعام 2024-2025

Level	Semester	No.	Module Code	Module Name in English	Language	SSWL (hr/w)						Exam hr/sem	SSWL hr/sem	USSWL hr/sem	SWL hr/sem	ECTS	Module Type	Prerequisite Module(s) Code
						CL (hr/w)	Lect (hr/w)	Lab (hr/w)	Pr (hr/w)	Tut (hr/w)	Semn (hr/w)							
I	C 11	1	NTU100	Democracy and Human Rights	Arabic	2						3	33	17	50	2.00	S	
		2	NTU101	English Language	English	2					1	3	48	2	50	2.00	S	
		3	NCSET108	Mathematics	Arabic	2						3	33	17	50	2.00	B	
		4	NCSET103	Computer Organization	Arabic	2		3		1		3	93	57	150	6.00	C	
		5	NCSET100	C++ Programming	Arabic	2		3		1		3	93	57	150	6.00	C	
		6	NCSET104	Principles of Electronics	Arabic	2		3		1		3	93	57	150	6.00	C	
		7	NCSET105	Computer Networks	Arabic	2		3		1		3	93	57	150	6.00	C	
					Total	12	0	9	0	3	1	21	393	207	750	30.00		

Semester	No.	Module Code	Module Name in English	Language	SSWL (hr/w)						Exam hr/sem	SSWL hr/sem	USSWL hr/sem	SWL hr/sem	ECTS	Module Type	Prerequisite Module(s) Code
					CL (hr/w)	Lect (hr/w)	Lab (hr/w)	Pr (hr/w)	Tut (hr/w)	Semn (hr/w)							
C 22	1	NTU102	Computer	Arabic	2		2				3	33	67	100	4.00	C	
	2	NTU103	Arabic Language	Arabic	2						3	33	17	50	2.00	B	
	3	NCSET101	Python Programming	English	2		3		1		3	93	57	150	6.00	C	
	4	NCSET102	Computer Architecture	English	2		3		1		3	93	57	150	6.00	C	
	5	NCSET106	Principles of Electrical Engineering	English	2		3		1		3	93	57	150	6.00	B	
	6	NCSET107	Internet of Things	Arabic	2		3		1		3	93	57	150	6.00	S	
				Total	12	0	14	0	4	0	18	438	312	750	30		