

Curriculum For the academic year (2023-2024) for engineering majors
Technical Universities / Northern Technical Institute / Kirkuk Department:
Power Mechanical Technologies
Branch: Refrigeration and air conditioning
level One

Code	Units	No. Practical hours	No. of theoretical hours	Courses	No.	Req. Type
NTU100	2		2	Human Rights & Democracy	1	univrsity Requirements
NTU101	2		2	English Language 1	2	
NTU102	3	2	1	Principles of Computer 1	3	
NTU103	3	2	1	Principles of Computer 2	4	
NTU107	2		2	France language	5	
NTU104	2		2	Arabic Language	6	
NTU105	2	1	1	Sport	7	
TIK110	2		2	Principles of Mathematics	8	Institute Requirements
TIK111	2		2	Applied Mathematics	9	
TIK112	3	3		Mechanical Workshops	10	
PMTR143	3	3		Principles of Engineering Drawing	11	Specialization Requirements
PMTR136	4	2	2	Principles of Air Conditioning	12	
PMTR137	4	2	2	Principles of Thermodynamics	13	
PMTR138	4	2	2	Principles of Refrigeration	14	
PMTR139	4	2	2	Applied Thermodynamics	15	
PMTR140	4	2	2	Fluid Mechanics	16	
PMTR141	4	4		Refrigeration and Air Conditioning Workshops	17	
PMTR142	4	2	2	Principles of Electricity Technique	18	
PMTR146	4	2	2	Advanced of Electricity Technique	19	
PMTR144	3	3		Advanced Engineering Drawing	20	
PMTR145	2		2	Engineering Mechanics	21	
	63	32	31			