

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 Two

Code	Units	No. Practical hours	No. of theoretical hours	Courses	No.	Req. Type
NTU200	2		2	English Language 2	1	univrsity Requirements
NTU201	2		2	Ethics of the Profession	2	
PMTR254	2		2	Management and Occupational Safety	3	Specialization Requirements
PMTR240	4	2	2	Fundamentals of Cooling system	4	
PMTR242	4	2	2	Fundamentals of Heat transfer	5	
PMTR241	4	2	2	Fundamentals of Air Conditioning	6	
PMTR243	6	4	2	Fundamentals of refrigeration and air conditioning Maintenance	7	
PMTR244	4	2	2	Fundamentals of Control System	8	
PMTR245	3	3		Fundamentals of Air Conditioning System Drawing	9	
PMTR249	1	1		Project 1	10	
PMTA222	3	2	1	Computer Application	11	
PMTR246	4	2	2	Advanced of Cooling system	12	
PMTR252	4	2	2	Advanced of Air Conditioning	13	
PMTR247	4	2	2	Applied Heat transfer	14	
PMTR248	6	4	2	Advanced of refrigeration and air conditioning Maintenance	15	
PMTR253	4	2	2	Advanced of Control System	16	
PMTR251	3	3		Advanced of Air Conditioning Systems Drawing	17	
PMTR254	2	2		Project 2	18	
PMTR250	2		2	Renewable Energy	19	
PMTA225	3	2	1	Advanced of Computer Application	20	

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