

Level Chart: Refrigeration and Air Conditioning Mechanic (Residential) - Technical Training

Level One (9 Weeks) COMMON CORE UNITS				Level Two (9 Weeks) COMMON CORE UNITS			
Code	Unit Title	T	P	Code	Unit Title	T	P
A1	Learning About Work	7	0	B1	Drawings, Blueprints and Specifications	11	10
A2	Trade Safety Awareness	7	0	B2	HVAC/R Activities II	18	10
A3	Tools and Equipment	25	10	B3	HVAC/R Systems Installation	40	30
A4	Equipment and Service Documents	14	0	B4	Control Systems Installation I	27	15
A5	Trade Related Communications	7	0	B5	HVAC/R Systems Service	38	28
A6	Trade Related Mathematics	24	0	B6	Control Systems Service I	15	6
A7	Thermodynamic and Heat Fundamentals	28	0	B7	Motors I	16	5
A8	HVAC/R Activities I	33	30	B8	Pipe Threading and Assembly	4	17
A9	HVAC/R System Fundamentals	32	10	B9	Gas Code II	20	5
A10	Electrical and Control Fundamentals	43	20				
A11	Gas Code I	20	5				
	Subtotals	240	75		Subtotals	189	126
	Total	315 Hours			Total	315 Hours	

Common Core levels for Refrigeration and Air Conditioning Mechanic and Refrigeration and Air Conditioning Mechanic (Residential)

Level Three (9 Weeks)			
Code	Unit Title	T	P
C1	Residential HVAC Estimation and Coordination	7	7
C2	Residential HVAC Systems Installation	36	13
C3	Residential HVAC Control Systems	50	23
C4	Residential HVAC Systems Commissioning and Service	26	16
C5	Residential HVAC Motors	15	6
C6	Residential HVAC Duct Systems	16	12
C7	Residential HVAC Heat Pump Retrofit	21	7
C8	Gas Code III	20	5
C9	Journeyperson Trainer	7	0
C10	Pre-Provincial Exam Review	28	0
	Subtotals	226	89
	Total	315 Hours	

T – Theory hours

P – Practical hours