## **Apprenticeship** Manitoba

## Level Chart: Gasfitter A - Technical Training

Level Three (10 Weeks)				Level Four ( 8 Weeks)			
Code	Unit Title	Т	Р	Code	Unit Title	Т	Р
C1	'B' Level Requirements Update	35	0	D1	'A' Level Requirements Update	35	0
C2	Maths (includes gas trade formulas)	30	0	D2	Commissioning (Gas Notices)	35	35
C3	Sciences	30	0	D3	Electrical Controls (Bldg Systems)	35	10
C4	Electrical (Controls , Phasing, CE, Flame Safeguard Systems))	60	20	D4	Provincial Requirements (10 million BTUs and up)	10	0
C5	B149.3 Gas Codes and MB Gas Notices	35	0	D5	Advanced B149.3 Gas Codes and MB Gas Notices Requirements Updates	30	0
C6	'A' Gas Fired Equipment Layout	2	6	D6	Industrial Burner Installations (as per Manufacturer Specs)	35	35
C7	Boilers	20	0	D7	LPG Updates and Gaseous Products	10	10
C8	Air Make ups	15	5				
C9	Liquid Propane	20	15				
C10	Combustion Analysis	14	10				
C11	Other Gas Fired Equipment (e.g., Mine shaft heaters, grain dryers)	6	8				
C12	Troubleshooting	11	7				
	Subtotals	278	72		Subtotals	190	90
	Total	350 Hours			Total	280 Hours	