

## Level Chart: Sheet Metal Worker - Technical Training

Level One (8 Weeks)				Level Two (8 Weeks)			
Code	Unit Title	T	P	Code	Unit Title	T	P
A1	Orientation I: Structure and Scope of Sheet Metal Worker	7	0	A9	Advanced Gas Metal Arc Welding (GMAW)	10	14
A3	Trade Safety Awareness	7	0	A14	Intro. to Blueprint Reading/Specifications	20	0
A4	Communication	14	2	A17	Intro. to Gas Tungsten Arc Welding (GTAW)	10	10
A5	Tools and Equipment	13	8	B2	Trade Math II	24	0
A6	Elevating Devices	4	0	B5	Science I	24	0
A7	Metallurgy	6	1	C3	Trade Related Documents	16	5
A8	Intro. to Gas Metal Arc Welding (GMAW)	9	11	C5	Fabrication (Air Handling Systems and Components)	15	35
A10	Plasma Arc Cutting	2	2	C8	Parallel Line Development II	6	8
A11	Soldering	5	2	C11	Radial Line Development II	6	8
A12	Pattern Development and Layout	35	0	C14	Triangulation II	6	8
A13	Basic Hoisting, Lifting and Rigging	3	1	D1	Installation (Air Handling Systems)	30	5
B1	Trade Math I	24	0	D3	Chimneys, Breeching and Venting	18	2
C1	Drafting	7	13				
C2	Simple Layout	4	10				
C4	Fabrication Fundamentals	8	40				
C7	Parallel Line Development I	6	8				
C10	Radial Line Development I	6	8				
C13	Triangulation I	6	8				
	<b>Subtotals</b>	166	114		<b>Subtotals</b>	185	95
	<b>Total</b>	280 Hours			<b>Total</b>	280 Hours	

Level Three (8 Weeks)				Level Four (8 Weeks)			
Code	Unit Title	T	P	Code	Unit Title	T	P
A15	Blueprint Reading/Specifications	28	7	A16	Advanced Blueprint Reading/Specifications	17	18
A18	Advanced Gas Tungsten Arc Welding (GTAW)	14	21	A20	Shielded Metal Arc Welding (SMAW)	8	12
A19	Duct System Design	17	18	A21	Oxy-fuel Cutting, Heating and Brazing	6	9
B3	Trade Math III	24	0	B4	Trade Math IV	24	0
B6	Science II	24	0	B7	Science III	24	0
C9	Parallel Line Development III	15	15	C6	Fabrication (Material Handling System and Components)	21	14
C12	Radial Line Development III	15	16	D2	Installation (Material Handling Systems)	7	0
C15	Triangulation III	15	16	E1	Metal Roofing and Architectural Metal	7	0
D4	Air Quality Management	35	0	E2	Specialty Products	22	6
				F1	Maintenance and Repair (Air and Material Handling Systems)	14	14
				F2	Testing, Adjusting and Balancing (Air and Material Handling Systems)	15	7
				A2	Orientation II: The Job of Journeywork	7	0
				A22	Pre-Inter-Provincial Review	28	0
	<b>Subtotals</b>	187	93		<b>Subtotals</b>	200	80
	<b>Total</b>	280 Hours			<b>Total</b>	280 Hours	