

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	Learning About Work	7	0	B1	Welding 2 (GMAW and SMAW)	5	20
A2	Trade Safety Awareness	10	0	B2	Trade Mathematics 2	22	0
A3	Tools and Equipment	28	7	B3	Science 1	14	0
A4	Welding 1	5	20	B4	Blueprint Reading/Specifications 1	20	0
A5	Trade Mathematics 1	36	0	B5	Duct System Design 1	28	10
A6	Trade-Related Documents	7	0	B6	Pattern Development 2	20	24
A7	Drafting	10	10	B7	Fabrication 2	0	50
A8	Communication	10	2	B8	Metal Roofing and Architectural Metal	14	0
A9	Pattern Development 1	20	25	B9	Installation 2	21	21
A10	Fabrication 1	0	49	B10	Chimneys, Breeching and Venting	7	4
A11	Installation 1	13	21				
	Subtotals	146	134		Subtotals	151	129
	Total	280 hours			Total	280 hours	

Level Three (8 Weeks)				Level Four (8 Weeks)			
Code	Unit Title	T	P	Code	Unit Title	T	P
C1	Welding 3	5	20	D1	Welding 4	5	20
C2	Trade Mathematics 3	22	0	D2	Trade Mathematics 4	22	0
C3	Science 2	14	0	D3	Science 3	14	0
C4	Blueprint Reading/Specifications 2	20	0	D4	Blueprint Reading/Specifications 3	20	0
C5	Duct System Design 2	28	10	D5	Pattern Development 4	21	25
C6	Pattern Development 3	20	25	D6	Fabrication 4	0	49
C7	Fabrication 3	0	56	D7	Installation 4	21	21
C8	Specialty Products	7	0	D8	Thermal Insulation, Lagging, Cladding and Flashing	7	0
C9	Installation 3	21	14	D9	Leak Testing, Air Balancing and Commissioning	7	6
C10	Testing, Adjusting and Balancing	7	4	D10	Journeyman Trainer	7	0
C11	Maintenance and Repair (Air and Material Handling Systems)	7	0	D11	Pre-IP Examination Review	35	0
	Subtotals	151	129		Subtotals	159	121
	Total	280 hours			Total	280 hours	

T – Theory hours
P – Practical hours