

## Level Chart: Ironworker - Technical Training

Level One (9 Weeks)				Level Two (6 Weeks)			
Code	Unit Title	T	P	Code	Unit Title	T	P
A1	Orientation I: Structure/Scope of Trade	7	0	C3	Welding II	17	18
A2	Trade Safety (ATQB Standard)	7	0	C4	Plasma-Arc Cutting	17	18
A3	Tools and Equipment	14	7	D4	Hydraulic and Conventional Cranes	7	7
B1	Computer Applications and Trade	16	0	D5	Tower Cranes	14	7
B2	Communication and Trade Documentation	4	3	E2	Reinforcing II	14	21
B3	Drawings	7	14	E3	Pre-Stressing and Post-Tensioning	14	21
C1	Oxy-Fuel Cutting	10	10	F3	Structural-Steel Erection and Dismantling	14	21
C2	Introduction to Welding	10	17				
D1	Access Equipment	10	11				
D2	Hoisting, Lifting, and Rigging	35	14				
D3	Introduction to Cranes	14	7				
E1	Reinforcing I	21	21				
F1	Structural Components	14	7				
F2	Pre-Engineered Structures	17	18				
	<b>Subtotals</b>	<b>186</b>	<b>129</b>		<b>Subtotals</b>	<b>97</b>	<b>113</b>
	<b>Total</b>	<b>315</b>			<b>Total</b>	<b>210</b>	

Level Three (9 Weeks)			
Code	Unit Title	T	P
A4	Machinery and Equipment	28	7
A5	Work Planning	14	7
A6	Orientation II: Journeywork	14	7
A7	Pre-IP Review: Cert. Exam Prep (CEP)	58	0
D6	Electric Overhead-Travelling Cranes	7	7
E4	Pre-Cast Concrete Erection/Dismantling	28	14
G1	Ornamental Ironwork	24	25
G2	Miscellaneous Ironwork	20	20
G3	Maintaining and Upgrading Ironwork	14	21
	<b>Subtotals</b>	<b>207</b>	<b>108</b>
	<b>Total</b>	<b>315</b>	