

Level Chart: Ironworker (Generalist) - Technical Training

Level One (9 Weeks)				Level Two (7 Weeks)			
Code	Unit Title	T	P	Code	Unit Title	T	P
A1	Learning About Work	7	0	B1	Rigging II	14	7
A2	Trade Safety Awareness	7	0	B2	Welding II	14	14
A3	Tools and Equipment	7	7	B3	Work Planning I	7	0
A4	Access Equipment	10	11	B4	Drawings II	7	14
A5	Rigging I	28	14	B5	Cranes II: Tower Cranes	14	7
A6	Computer Applications	7	7	B6	Structural Steel II	14	7
A7	Communication and Trade Documentation	4	3	B7	Pre-Engineered Structures I	7	7
A8	Welding I	14	14	B8	Pre-Cast Concrete I	14	7
A9	Oxy-Fuel Cutting	10	11	B9	Machinery and Equipment I	14	7
A10	Drawings I	14	14	B10	Miscellaneous Ironwork I	14	7
A11	Cranes I: Fundamentals	21	7	B11	Reinforcing II	14	14
A12	Structural Steel I	21	7	B12	Pre-Stressed Concrete: Unbonded Monostrand Post-Tensioning	14	7
A13	Reinforcing I	21	21				
A14	Pre-Stressed Concrete: Fundamentals	14	7				
A15	Trade Related Math	7	0				
	Subtotals	192	123		Subtotals	147	98
	Total	315 hours			Total	245 hours	

Level Three (9 Weeks)			
Code	Unit Title	T	P
C1	Journeyman Trainer	7	0
C2	Rigging III	14	7
C3	Welding III	14	14
C4	Work Planning II	14	0
C5	Drawings III	7	14
C6	Cranes III: Electric Overhead-Travelling Cranes	14	7
C7	Structural Steel III	14	7
C8	Pre-Engineered Structures II	14	7
C9	Pre-Cast Concrete II	14	7
C10	Machinery and Equipment II	14	7
C11	Miscellaneous Ironwork II	14	7
C12	Ornamental Ironwork	28	14
C13	Pre-Stressed Concrete: Bonded Post-Tensioning	14	7
C14	Pre-Interprovincial Review	35	0
	Subtotals	217	98
	Total	315 hours	

T – Theory hours

P – Practical hours