

Level Chart: Power Electrician - Technical Training

Level One (10 Weeks) *				Level Two (10 Weeks) *			
Code	Unit Title	T	P	Code	Unit Title	T	P
A1	Learning About Work	10	0	B1	Commercial Electrical Code	60	0
A2	Trade Safety Awareness	10	0	B2	Commercial Code Applications	45	15
A3	Computer and Communication Skills	20	10	B3	AC Fundamentals	90	0
A4	Trade Related Math and Science	50	0	B4	Motor Controls	40	30
A5	Residential Electrical Code	90	0	B5	Electronic Concepts I	30	10
A6	Residential Wiring Practices	10	30	B6	DC Machines and Controls	25	5
A7	DC Fundamentals	60	0				
A8	DC Circuit Analysis	50	10				
Subtotals		300	50	Subtotals		290	60
Total		350 Hours		Total		350 Hours	

* Common core levels for Construction Electrician, Industrial Electrician and Power Electrician

Level Three (10 Weeks)				Level Four (10 Weeks)			
Code	Unit Title	T	P	Code	Unit Title	T	P
C1	Electrical Code for Industrial Applications I	60	0	D1	Electrical Code for Industrial Applications II	20	25
C2	Three Phase Circuit Analysis	30	0	D2	Metering	30	0
C3	Power Transformers	55	5	D3	Automation	20	30
C4	Electronic Concepts II	20	30	D4	Power Electronics	70	10
C5	Industrial Control Systems	60	30	D5	Power Quality	20	0
C6	Interrupting Equipment and Electrical Bus Networks	20	0	D6	Digital Logic Concepts	25	15
C7	Governor and Excitation Equipment	10	0	D7	Relay and Protection Systems	40	0
C8	AC Machines	30	0	D8	Journeyman Trainer	10	0
				D9	Pre-Provincial Exam Review	35	0
Subtotals		285	65	Subtotals		270	80
Total		350 Hours		Total		350 Hours	

T – Theory hours
P – Practical hours