

Level Chart: Construction 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	Industrial Electrical Code	75	5	D1	Advanced Electrical Code	95	10
C2	Three Phase Theory and Transformers	85	5	D2	Power Quality	20	0
C3	Electronic Concepts II	25	20	D3	Automation	20	70
C4	Industrial Control Systems	60	35	D4	Fire Alarms	10	20
C5	AC Machines and Maintenance	30	10	D5	Blueprints and Project Planning	10	15
				D6	Journeyman Trainer	10	0
				D7	Pre-IP Exam Review	70	0
Subtotals		275	75	Subtotals		235	115
Total		350 Hours		Total		350 Hours	

T – Theory hours

P – Practical hours