

Profile Chart: Power Electrician - Technical Training

Course A: LEVEL ONE	A1 Electrical Code I Level: 1 Hours: 130	A2 DC and Electrical Fundamentals Level: 1 Hours: 120	A3 Mathematics and Sciences Level: 1 Hours: 60	A4 Computers Level: 1 Hours: 15	A5 Communications with Co-workers and Others Level: 1 Hours: 15	
	A6 Trade Safety Awareness Level: 1 Hours: 10					
Course B: LEVEL TWO	B1 Electrical Code II Level: 2 Hours: 120	B2 AC Fundamentals Level: 2 Hours: 90	B3 Control Systems Level: 2 Hours: 70	B4 Electronic Concepts I Level: 2 Hours: 40	B5 DC Machines Level: 2 Hours: 30	
	Course C: LEVEL THREE	C1 Electrical Code III Level: 3 Hours: 60	C2 Three Phase Theory & Transformers (excludes Power Quality) Level: 3 Hours: 90	C3 Electronic Concepts II Level: 3 Hours: 45	C4 PLCs/Control Systems (includes Maths) Level: 3 Hours: 90	C5 Breakers/Fuses/ Disconnects/Bus/Prev entive Maintenance Level: 3 Hours: 35
Course D: LEVEL FOUR	D1 Electrical Code IV Level: 4 Hours: 45	D2 Microprocessor-based Control and Monitoring Systems (PLCs) and Control Systems Level: 4 Hours: 45	D3 Electronic Concepts III (Power Electronics) Level: 4 Hours: 82	D4 Power Quality Level: 4 Hours: 13	D5 Digital Logic Concepts Level: 4 Hours: 40	
	D6 Relay and Protection Systems Level: 4 Hours: 39	D7 Governor/Excitation Equipment (to be taught by MB Hydro Instructor) Level: 4 Hours: 21	D8 Metering Level: 4 Hours: 30	D9 Provincial Electrical Requirements Level: 4 Hours: 35		