



Electrical Curriculum

Year 1 Apprentice

1st Semester	Section	Grade	2nd Semester	Section	Grade
OSHA 10	S		DC Theory, Level I (Lessons 1-8)	5	
Global Harmonizing System (GHS)	S		DC Theory, Level I (Lessons 9-16)	6	
Leadership / Team / Community	L/T/C		Code & Practices 1, Level I	7	
Orientation, Level I	1		DC Theory, Level 1 (Lessons 17-21)	8	
Job Information 1, Level I (Lessons 1-9)	2		DC Theory, Level 1 (Lessons 22-27)	9	
Conduit Fabrication, Level I	3		Conduit Fabrication, Level II	10	
Job Information 1, Level I (Lessons 10-20)	4				

Year 2 Apprentice

1st Semester	Section	Grade	2nd Semester	Section	Grade
Medic First Aid	S		AC Systems, Level I	4	
Scissor Lift Operator Training	S		AC Systems, Level I, Lessons 1-6)	5	
Boom Lift Operator Training	S		AC Theory, Level I (Lessons 7-10)	6	
Leadership / Team / Community	L/T/C		Elect. Safety-Related Work Practices, Level I	7	
Orientation, Level II	1		Transformers, Level I	8	
Codeology, Level I, Based on the 2014 NEC	2		Code & Practices 2, NEC 2014 (Lessons 1-7)	9	
Blueprints, Level I	3		Code & Practices 2, NEC 2014 (Lessons 8-14)	10	

Year 3 Apprentice

1st Semester	Section	Grade	2nd Semester	Section	Grade
Leadership / Team / Community	L/T/C		Elect. Safety-Related Work Practices, Level II	5	
AC Theory, Level II (Lessons 1-8)	1		Blueprints, Level II	6	
AC Theory, Level II (Lessons 9-12)	2		Fire Alarm Systems. Level I, 2014 NEC	7	
Transformers, Level II	3		Grounding and Bonding, Level I, (Lesons 1-5)	8	
Code & Practices 3, Level I 2014 NEC	4		Grounding and Bonding, Level I, (Lesons 6-10)	9	

Year 4 Apprentice

1st Semester	Section	Grade	2nd Semester	Section	Grade
Medic First Aid	S		Motors, Level I	5	
Leadership / Team / Community	L/T/C		AC Theory, Level III	6	
Code Calculations, Level I	1		Digital Electronics, Level I	7	
Blueprints, Level III	2		Hazardous Locations, Level II	8	
Grounding and Bonding, Level II	3		Installer-Tech LANs, Level I	9	
Motor Control, Level I	4		Transformers, Level III	10	

Year 5 Apprentice

1st Semester	Section	Grade	2nd Semester	Section	Grade
OSHA 30	S		Orientation, Level III	4	
NFPA 70E	S		Torque, Level I	5	
Leadership / Team / Community	L/T/C		Code and Practices 4/5, Level II	7	
Code and Practices 4/5, Level I	1		Building Automation 2, Level I B - I L	8	
Code Calculations, Level II	2		Building Automation 2, Level III	10	
Motor Control, Level II	3				