

**Electrical Construction and  
Control Program  
Tool List**

Tools required on first day of classes  
Estimated Cost: \$1,500-\$2000

Quantity Required	Description (Examples given for reference)	Estimated Price	Check-In
1	Tool Backpack or Tool Bag (Example: Milwaukee 48-22-8201 or 48-22-8300)		
1	Tool Pouch (Example: Milwaukee 48-22-8112)		
1	9" side cutting pliers (Lineman pliers) (Klein D213-9NE)		
1	8" diagonal cutting pliers (Klein D2000-28)		
1	Long needle nose pliers (Klein D203-8)		
2	10" pump pliers (Klein D502-10)		
1	Wire stripper and cutter for 8-16 AWG solid wire & 10-18 AWG stranded wire (Klein 11055)		
1	Magnetic Bit Tip Impact driver kit (Klein 33801)		
1	Utility knife with replaceable hook blade +B37 (Klein 44131)		
1	12" hacksaw		
1	Screwdriver set including: Phillips #1x3" Phillips #2x4" Phillips #2x6" Slotted 1/4"x4" Slotted 3/16" X 6" Slotted 5/6" x 6" Square #1 Square #2		
1	Precision screwdriver set including: (Klein 32584INSR) Phillips #0 1 2-1/2" precision screwdriver Phillips #00 – 2" precision screwdriver Slotted 1/16" – 2-1/2" precision screwdriver Slotted 1/8" – 3-1/2" slotted precision screwdriver Slotted 3/32 – 2-1/2" precision screwdriver Slotted 5/32" – 4" precision screwdriver		
1	10" Adjustable wrench (Klein D507-10)		
1	9 piece folding Allen hex key large 3/8 inch (Klein 70550)		
1	25' Tape measure		
1	Torpedo level		
1	18 oz. Electrician's hammer (Klein 807-18)		
1	High dexterity gloves cut resistant gloves (Klein 60582)		
1	Non-contact Voltage Detector (Klein NCVT1P)		
1	Greenlee NM cable stripper 1960		
1	Conduit reamer (Klein 85191)		
1	6" Nut driver set can use with drill/impact (Klein 32950)		
1	Triple-tap tool (Klein 627-20)		
1	Lockout hasp (Klein 45200) and keyed padlock		
1	Jab saw (Klein 725)		
1	Clamp meter (Ideal 61-764) (preferred option below)		
1	Multi-meter Cat IV (Ideal 61-322) (preferred option below)		
1	Hard hat Class E Rating (Klein 60107(light not required))		
1	3M wire Marker Tape Dispenser (3M STD-0-9)		
1	GFCI Outlet tester (Klein RT210)		
1	Clear safety glasses Z87 approved		
1	Leather electrical hazard work-boots (EH) rated		
1	Torque screwdriver		
	<b>TOTAL ESTIMATED COST</b>	\$1500- \$2000	



**Electrical Construction and  
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Optional Tool List**

Tools on this list are recommended  
but not required.

Quantity Required	Description	Estimated Price	Check-In
1	Ratcheting Cable Cutting Pliers		
1	18V Cordless ¼" Impact / ½" Drill Kit w/ 2 batteries and charger		
1	Clamp Meter Fluke 324 (option with required above)		
1	Multi-meter Fluke 77 Cat IV only (option with required above)		
1	Electricians Step Drill bit (Klein KTSB15)		
1	5 pc Gearwrench Ratcheting Combination Wrench set 3/8" – 9/16"		
1	7/8 Auger Drill Bit		
1	10 in 1, or 13 in 1 screwdriver set (Klein 32557)		
	<b>ESTIMATED TOTAL COST OF REQUIRED and OPTIONAL TOOLS LISTED</b>	\$2000 - \$2500	