Skills: Check the skills you have below

[ ] measuring and fabricating conduit

[ ] installing wiring

[ ] installing MC cable

[ ] installing Type NM cable

[ ] testing wiring systems

[ ] tracing wiring devices to breaker

[ ] troubleshooting and repairing devices and circuits

[ ] wiring outlets

[ ] wiring three-way switches

[ ] wiring four-way switches

[ ] ability to follow instructions

[ ] ability to read design drawings

[ ] basic math skills

[ ] how to interpret and apply the rules and regulations of the National Electric Code (NEC)

[ ] how to use power tools

[ ] how to install switching devices, cables, wiring, and conduits

[ ] how to plan and complete an electrical installation

[ ] electrical safety rules and procedures (based on OSHA)

[ ] understand Electrical Theory

[ ] install Lighting and Lighting controls

[ ] install and configure Industrial Controls

[ ] install and configure Communication Equipment

[ ] operate Testing Equipment

[ ] install High Voltage Distribution

[ ] instrumentation

[ ] communications (Networks)

[ ] install and program Programmable Logic Controllers

[ ] install and configure Fire Alarm Systems

[ ] job site management & supervision

[ ] Design new basic electrical systems

[ ] install new electrical systems

[ ] troubleshooting and repairing or replacing old systems

[ ] outdoor/parking lot lighting systems

[ ] mechanical connections

[ ] power supply/service entrance

[ ] telecommunications

[ ] security systems

[ ] Determine wire size and type depending on load, distance and application

Tools: Check the tools you will bring to the job

[ ] Hand tools: screwdrivers, needlenose, lineman’s pliers, dikes etc

[ ] Cordless power tools: drill, impact, saw

[ ] Multimeter

[ ] Work Lights

[ ] Outlet tester/widow maker etc.

[ ] Circular saw, recip saw, cord or cordless

[ ] Hammer drill, cord or cordless

[ ] Rotary hammer drill

Ladders Step: [ ] 6 [ ] 8 [ ] 10 [ ] 12

 Extension: [ ] 20 [ ] 24 [ ] 28