

Electrician Apprentice (47-3013.00)

At-a-Glance Statistics



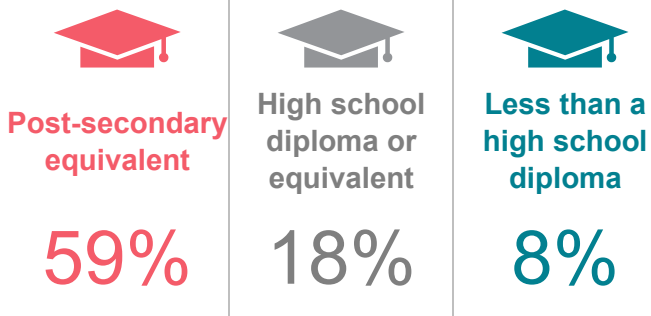
Sample Job Titles

Cable Puller, Electrician Helper

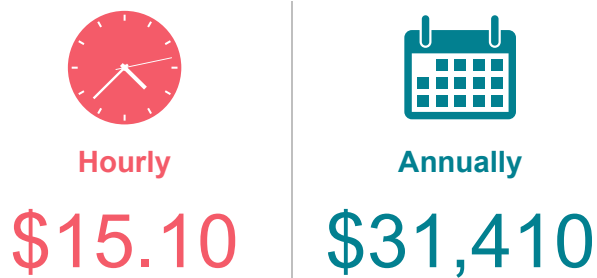
Key Tasks

- Measure, cut, and bend wire and conduit, using measuring instruments and hand tools.
- Trace out short circuits in wiring, using test meter.
- Strip insulation from wire ends, using wire stripping pliers, and attach wires to terminals for subsequent soldering.
- Examine electrical units for loose connections and broken insulation and tighten connections, using hand tools.
- Construct controllers and panels, using power drills, drill presses, taps, saws, and punches.
- Drill holes and pull or push wiring through openings, using hand and power tools.
- Clean work area and wash parts.
- Maintain tools, vehicles, and equipment and keep parts in order.
- Transport tools, materials, equipment, and supplies to work site by hand, hand truck, or heavy, motorized truck.
- Install copper-clad ground rods, using a manual post driver.
- Thread conduit ends, connect couplings, and fabricate and secure conduit support brackets, using hand tools.
- Disassemble defective electrical equipment, replace defective or worn parts, and reassemble equipment, using hand tools.
- Perform semi-skilled and unskilled laboring duties related to the installation, maintenance and repair of a wide variety of electrical systems and equipment.

Education and Training



Median Wages



Top Industries



Number Employed



78,000 positions
11,400 job openings

Top Ten States for Occupational Percentage Growth

