

# Work Processes Schedule

## ELECTRICIAN (CONSTRUCTION)

**RAPIDS: 0159N**

O\*NET/SOC: 47-2111.00

REVISION DATE: 12/2014

Plans layout, installs, and repairs wiring, electrical fixtures, apparatus, and control equipment consistent with specifications and local electrical codes. Prepares sketches showing location of wiring and equipment, follows diagrams and blueprints, ensuring proper installation before completion of future walls, ceilings, and flooring.

### Applicable Ratings/MOS

USMC MOS 1120, 1141, 1142, 1169

USCG EM

USN CE, EM, EMN, ET, ETN, ETR, ETV, IC

### Related Instruction

Any trade related schools/courses totaling 576 hours

### Additional Requirement

None

Total Hours: **8000**

Skill	Description	Hours
A	<p><b>PROPER USE AND CARE OF TOOLS AND EQUIPMENT</b></p> <p>Properly use and care for small and shop tools, vehicles, trucks, heavy and light equipment, power activated tools, safety devices.</p>	500
B	<p><b>ADMINISTRATION AND HANDLING OF MATERIAL</b></p> <p>Cable work, metallic/nonmetallic, heavy and thin wall conduit, large and surface raceway, bus duct, conductors, switchboard and panels, service and disconnect switches, wiring devices, lighting fixtures, and transformers.</p>	4800
C	<p><b>INSTALLATION OF MOTORS AND CONTROLS</b></p> <p>Manual, automatic and electronic controlled.</p>	1000
D	<p><b>SPECIALIZED APPLICATIONS</b></p> <p>Emergency and other generators, smoke and heat detectors, heating/ventilating/air-conditioning systems, signal systems, hazardous locations, safety controls.</p>	700
E	<p><b>MAINTENANCE, REPAIRS AND INSTALLATIONS</b></p> <p>Ship or shore, commercial, residential, industrial, power distribution systems, announcing and intercommunications systems.</p>	1000