

BASIC ELECTRICIAN COURSE INFORMATION:

PREREQUISITES: EL score of 90 or higher. Normal color perception.

PURPOSE: To provide entry level or lateral move enlisted personnel the training required for duty as Electricians in the Marine Corps Total Force.

SCOPE: This course is designed to impart the knowledge and skills required to provide electrical support to the Marine Corps. The course consists of instruction on the characteristics, capabilities, operation, and preventive maintenance of electrical power generation and load test equipment; along with electrical distribution systems and floodlights. Instruction is also provided on safety, electrical theory, installation and repair of interior wiring, and electrical distribution systems (wiring and hardware), use and care of hand tools, and maintenance management documentation. Graduates of the course are licensed, per TM 11275-15/4 on the following equipment:

- Mobile Electric Power Distribution System Replacement (MEPDIS-R) [B0027, B0028, B0029, B0030, B0031 & B0032]
- Generator Set, 15kW 60Hz, MEP-1050 [B0043]
- Generator Set, 5kW 60Hz, MEP-1030 [B0077]
- Load Bank, Electrical, 100kW, [B0579]
- Floodlight Set [B0640]
- Generator Set, 3kW 60Hz, MEP-831A [B0730]
- Generator Set, 10kW 60Hz, MEP-1040 [B0891]
- Generator Set, 10kW 400Hz, MEP-1041 [B0921]
- Generator Set, 30kW 60Hz, MEP-1060 [B0953]
- Generator Set, 60kW 400Hz, MEP-1071 [B1016]
- Generator Set, 60kW 60Hz, MEP-1070 [B1021]
- Generator Set, 100kW 60Hz, MEP-807A [B1045]

During working hours contact the Academic Chief at COMM: (910) 440-7346 / DSN: 758-7346 or the Course Programmer at COMM: (910) 440-7340 / DSN: 758-7340. After working hours, contact the AOOD at COMM: (910) 440-7275 / DSN: 758-7275.