

## ADVANCED ELECTRICIAN (CID: M0311K2)

**PREREQUISITES:** Corporal through Staff Sergeant with one year's experience in MOS 1141.

Waiver for Lance Corporal to Staff Sergeant with any OccFld 1100 MOS: Must have at least one year's Fleet experience, a minimum of one year remaining in current enlistment, and a waiver approved by Director of Instruction, MCES.

ALL STUDENTS must have certification of current sustainment for T&R events:

- 1100-ADMN-1001 Obtain publications
- 1100-ADMN-1002 Conduct an SL-3 Components List inventory
- 1100-ADMN-1003 Conduct an LTI on Utilities equipment
- 1100-MANT-1001 Operate a multimeter
- 1100-SAFE-1001 Conduct Risk Management
- 1100-SAFE-1002 Control hazardous energy
- 1100-SAFE-1003 Recover an electric shock victim
- 1100-SAFE-1004 Respond to a hazardous materials spill

**OUTCOME:** To provide a resilient, 1141 Electrician with a bias for action and critical thought, the course focuses on the robust planning and management of developing and installing an interior wiring system in a built or already established structure. This enables the efficient function of the Marine Corps' Command, Control, Communications, Computers, Cyber, Intelligence, Surveillance, Reconnaissance, and Training (C5ISR-T) systems in an unconventional environment. Additionally, the Advanced Electrician will develop skills to conduct hasty and deliberate infrastructure assessments, giving them the skills to support the Commander in the development of the Civil-Intelligence Preparation of the Battlespace for follow-on planning. Upon completing the assessments, the Advanced Electrician will conduct detailed and deliberate planning of an electrical support plan in support of an Advanced Base. Upon completing this task, the advanced electrician will have developed the skills and knowledge to thoroughly brief and execute this plan in support of the Commander's mission.

**SCOPE:** This course is designed to impart the advanced knowledge and skills required to supervise an electrical section and plan/provide electrical support safely. The course consists of instruction in electrical safety; the design, installation, and inspection of interior electrical wiring systems, while complying with applicable codes; the planning and supervision of electric power generation and distribution in a field environment, including the use of intelligent power management systems; and the assessment of existing electrical infrastructure for exploitation. Required Values Based Leadership (VBL) training is also covered.

### REPORTING INSTRUCTIONS:

Students report to Commanding Officer, Marine Corps Engineer School, Courthouse Bay, Camp Lejeune, North Carolina.

Government billeting is directed if available. Government messing is available.

## ADVANCED ELECTRICIAN (CID: M0311K2)

Government billeting is available and located at Courthouse Bay or various other locations at no or low cost for Staff Sergeants and above. To verify availability and for more information, contact MCES S-4 at COMM: (910) 440-7890 / DSN: 758-7890.

\*EXCEPTION: Those students from the local area approved for BAH at their parent command.

During working hours, report to the S-1/Adjutant at Building BB-28 (Headquarters, MCES), second building on the left after entering Courthouse Bay (at the intersection of Horn Road and Command Drive).

After working hours, report to the AOOD at Building BB-28 (Headquarters, MCES), second building on the left after entering Courthouse Bay (at the intersection of Horn Road and Command Drive).

All students will report in with orders, Medical Record, Dental Record (electronic or hard copy) on reporting date. A Command Screening Checklist can be obtained online at MCES website at <https://www.mces.marines.mil/> to ensure students meet requirements.

Students will report in appropriate seasonal Marine Corps Combat Utility Uniform (MCCUU).

Graduation uniform will be seasonal service "Bravo" or "Charlie" uniform.

For additional information, contact UIC Company GySgt at COMM: (910)440-4175 / DSN: 758-7145 or MCES Academics Chief at COMM: (910)440-7346 / DSN: 758-7346.