NETCO CNMIE

IBEW - CECA | NATIONAL ELECTRICAL TRADE COUNCIL

FIOE - ACEE | CONSEIL NATIONAL DES MÉTIERS DE L'INDUSTRIE ÉLECTRIQUE

EVITP:

The EVITP program provides the most comprehensive training for the installation of EVSE equipment in North America today. More than a technical installation course, EVITP offers a full overview of the Electric Vehicle industry including an extensive section on Customer Relations & Customer Satisfaction

Developed in collaboration with industry, EVITP offers the perspective of Automakers, Utilities, EVSE equipment manufacturers and other key stakeholder associations. The EVITP collaborative understands the importance of the EV market being properly supported as it develops and expands. The electricians installing EVSE must understand the many aspects of the market today to adequately address customer questions, concerns and satisfaction.

This 3 day course including proctored test is available at our affiliated IBEW Training centres in Canada. Proctored test is done via the NETCO LMS.

Certifications & Standards:

The Electric Vehicle Infrastructure Training Program (EVITP) has rigorous instruction and training standards. Appropriate entry requirements, expert instruction, a comprehensive and regularly updated curriculum with a demanding final exam ensures strong comprehension, performance, and consistent training results.

Course Overview:

- **EV prospect/customer relations and experience**
- **Automobile manufacturer's charging performance integrity specifications**
- **EV battery types, specifications, and charging characteristics**
- **Utility interconnect policies and requirements**
- **Utility grid stress precautions including demand response integration technologies**
- **Role of electrical storage devices as charging intermediaries**
- **Installing, commissioning, and maintaining electric storage devices**

- **Charging station fundamentals including brand/model-specific installation instructions for:**
    - **Level 1: 120 VAC 15 amps**
    - **Level 2: 120-240 VAC 60 amps**
    - **Level 3: 480 VAC 125 amps or 600 VDC 550 amps**
    - **Leve 4: DC Ultra Fast Chargers**
- **Service-level assessments and upgrade implementation**
- **Integration of electric vehicle infrastructure with distributed generation**
- **Understanding Internet Protocol (IP) networking of charging stations**
- **National Electrical Code (NEC) standards and requirements**
- **National Fire Protection Association (NFPA) 70E and OSHA regulations**
- **National Electrical Installation Standards (NEIS) for electric vehicle equipment**
- **First responder safety and fire hazard measures**
- **Next Generation Charging**
- **EVSE Troubleshooting, Repair and Commissioning**
- **Including latest Canadian Electrical Code Updates.**