

BASIC ELECTRONICS FOR ESTIMATORS

EA125E01

Course Format: Online training with posttest

I-CAR Credit Hours: 1 hour

Points: 0.25

This course helps satisfy ProLevel training requirements for the following roles:



Estimator



Assessor

Knowledge and Skill Area Definition

Estimator/ Assessor is able to explain basic circuit construction, common electrical system failures, common troubleshooting steps, and repair considerations.

Knowledge Detail

- Identify electrical damage following a vehicle collision and identify parts of a basic circuit (power source, load, path).
- Recall how to identify potential electrical damage following a collision.
- Discuss basic circuit operation (voltage, current and resistance) and how circuits are measured using voltage drop.
- Explain connector and wire repair.
- Explain the use of scan tools.