

# ALTERNATIVE FUEL VEHICLE DAMAGE ANALYSIS

ALTO4e

**Course Format:** Online training with posttest

**I-CAR Points:** 0.25

**Estimated Duration:** 1 hour

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



Non-Structural Technician



Assessor

## Course Content

### Module 1—Hybrid-Electric Vehicle Parts

The course begins by examining the different types of electric and hybrid-electric vehicles. The module continues by discussing the high voltage parts associated with these vehicle types including batteries, motors, inverters, chargers, cables, and more.

### Module 2— Hybrid-Electric and Electric Vehicle Features

The course continues by examining specific features of hybrid-electric and electric vehicles. These features include high voltage disabling, electric vehicle features, cooling systems, and service notes. Information found in this module will assist the student with maintaining personal safety during a repair, as well as conducting a thorough damage analysis.

## Learning Objectives

- Identify electric and alternative fuel vehicles and explain how to take safe measures when working on these vehicles
- Know how to properly care for a high voltage battery prior to and during the repair process