



# **FORD** **HIGH-VOLTAGE** **VEHICLES** **COMPONENTS AND OPERATION** *WITH MIKE SANOM*

- Ford Focus Electric Vehicle (EV) - Overview and Operation
- High-Voltage Vehicle Safety - De-energizing the High-Voltage System and Avoiding Electrical Hazards and Accidents
- Hybrid Gasoline Engine Operation - Atkinson-Cycle Operating Characteristics and Diagnostic Test Modes
- Hybrid and EV Powertrain - eCVT and MHT Components and Operation
- High-Voltage Electrical System - Belt Integrated Starter Generator, DC/DC Converter, High-Voltage Battery Pack and More
- Low-Voltage (LV) System Overview
- Regenerative Braking System - Components and Operation
- High Voltage Cooling and Air Conditioning Systems - HV Component and Climate Control

**MON 12/1/25**  
**TUE 12/2/25**

**6PM-7:30PM CST**  
**CLASS ID: OLT474**  
**\$125 USD / STUDENT**