



ANALOGUE & DIGITAL SENSORS ACTUATORS & OPERATING SIGNALS

OPERATION & DIAGNOSTICS

WITH PETER COOMBES

A comprehensive overview of analog and digital sensors and actuators used in automotive systems, including both active and passive components. Essential diagnostic tools for testing electronic systems, with a focus on analyzing and diagnosing control signals.

- ANALOG SENSORS
 - Design, Operation, Signal Analysis
 - Magnetic, Potentiometer, Piezo, Resistance
- DIGITAL SENSORS
 - Hall Effect, Magneto-Resistive, Hot Wire, Piezo
- DIAGNOSTIC TOOLS
 - Multimeter, Scope, Scan Tool DTC interpretation
 - Data & Waveform - Analysis & Diagnostics
- SIGNAL & CIRCUIT DIAGNOSIS
 - Circuit Operation & Analysis
- ACTUATORS OPERATION & DIAGNOSTICS
 - Solenoids, Piezo, Motors



SATURDAY

10/11/25

8AM - 12:15PM EDT
CLASS ID: OLT487
\$150 USD / STUDENT