



## Electrical and Electronic Systems Essentials in Electric Circuits



*Instructor:*

**Jim Wilson**  
**Delphi**

Automotive electrical circuit behavior focused on real-world diagnostic strategies.

- Voltage, Current, Resistance, and Power Relationships
- Analog, Digital, and Discrete Signal Types
- DVOM Connections, Meter Functions, and Measurement Strategies
- Voltage Drop Testing - Power and Ground Circuits
- Relay Operation, Failure Modes, and Correct Application Practices
- Diodes, Resistors, Transistors, and Solid-State Device Behavior
- Parasitic Battery Draw Detection and Isolation Methods
- Strategy-Based Diagnostic Thinking, Schematics and Symptom Charts

**Mon 05/11/26**  
**Tue 05/12/26**

**6pm to 8pm**  
*Eastern time zone*

*Code:* **OLT532**  
*Cost:* **\$150 USD**  
*Per Student*



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