



HV BATTERY

- DESIGN & DIAGNOSTICS *WITH LUKE DEPTULA*

**EXPLORING INTERNAL COMPONENTS AND DESIGN
CONSIDERATIONS OF HIGH VOLTAGE BATTERIES.**

- Battery Pack - Configurations, safety disconnect and power flow
- Battery Types - Cells and chemistries
- HV Battery Pack - Components, functions, operation and diagnostics
- HV Isolation - Disconnection requirements
- High voltage and low voltage wiring architectures and schematics
- Pack Tray - Cover, sealing, coating, grounding, ventilation
- High Voltage Wiring - Shielding, connections and circuit protection
- Battery Energy Control Module - Inputs, outputs and calculations
- Identifying issues with the battery pack before the cover is removed
- Applied battery repair applications
- Equipment and testing procedures

MON • 10/7/24
TUE • 10/8/24
6PM-8PM CDT
CLASS ID: OLT422
\$150 / STUDENT