

OPUS-IVS Hybrid/Electrical Vehicle Safety Training

Opus IVS requires all customers to submit a certificate of completion for Hybrid/Electrical Vehicles Safety Training to receive IVS 360 Support on vehicles containing high-voltage battery systems. This 9-course series was developed in conjunction with the Opus IVS Team to satisfy those requirements.

Course Code	Title	Description (Verbatim, from the LMS)	Duration
OLT-3501	Introduction to Electric Drive	Course 1 of 9 – This course provides foundational knowledge of HEV (hybrid-electric vehicle) and BEV (battery-electric vehicle) systems.	03:25
OLT-3502	Working on Hybrid Vehicles	Course 2 of 9 - This course focuses on the basic safety and service aspects of working on HEV and BEV vehicles.	04:20
OLT-3503	Electric Drive Categories	Course 3 of 9 – This course covers the various types of electric drive systems.	02:50
OLT-3504	Electric Drive Components	Course 4 of 9 – This course covers key HEV and BEV components, including the high-voltage battery, DC/DC Converter, and Inverter.	10:25
OLT-3505	Electric Motors	Course 5 of 9 – In-depth coverage of electric motors to provide the foundational knowledge needed to diagnose HEV and BEV systems.	05:20
OLT-3506	Hybrid Systems	Course 6 of 9 – This course focuses on the planetary drive systems of a typical HEV.	02:25
OLT-3507	HV Charging System	Course 7 of 9 – This course covers the high-voltage charging system and the strategies used.	04:10
OLT-3508	HV Safety Systems	Course 8 of 9 – This course covers the high-voltage safety systems used to protect drivers, emergency personnel, and you.	04:10
OLT-3509	HV Battery Management Systems	Course 9 of 9 – This course covers the details of managing high-voltage battery energy flow.	03:15