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Course Title

Vehicle Technology and Trends 2018

Course Code

VT018E01

Launch Date

10/2/2017

Delivery Method

Online Course

- Part of VTST product line

Outline**Module 1 – Trends and Industry Influences**

- Manufacturing Trends
 - Learning Objectives
 - Lightweight Using Steel
 - Directing the Upper Rail Downward
 - Go Pure Electric
 - 48-Volt Battery
 - Advanced Driver Assistance as Standard
 - Pedestrian-Detecting Emergency Braking on Trucks
 - Evasive Steering Assist
 - Trailer Backing Assist
 - Windshield Wipers as Fluid Sprayers
 - Front Emblems as Radar Covers
 - Lock/Unlock/Start with a Smartphone
 - Vehicle-to-Vehicle Communications
 - Give Me Autonomy
 - Headlamp Innovations
 - Emblem Projection as a Ground Courtesy Lamp
- New Tools and Equipment
 - Bumper Tab Pliers
 - Omnicraft Parts from Ford
 - 3M Aerosol Cavity Wax Plus
 - NIOSH Offers Free Sound Meter App
 - Fact or Fiction?
- Module Wrap Up
 - Module Summary



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Module 2 – North American Vehicle Makers

- Fiat Chrysler Automobiles
 - Learning Objectives
 - Jeep Compass
- Ford Motor Company
 - Video: 2018 Ford F-150
 - 2018 Ford Expedition Goes Aluminum
 - 2018 Lincoln Navigator Goes Aluminum
 - 2018 Ford Police Responder Hybrid
- General Motors Company
 - Video: 2018 Chevrolet Traverse
 - 2018 Chevrolet Equinox
 - 2018 Cadillac CT6 Super Cruise
 - GM Body Repair Information Gets More Specific
- Tesla
 - Autonomous-Ready Tesla
 - Review
- Module Wrap Up
 - Module Summary

Module 3 – Asian Vehicle Makers

- Honda/Acura
 - Learning Objectives
 - Video: 2018 Honda Odyssey
 - Weld Bonding on the Odyssey
 - 2018 Honda Accord
 - Growing Honda Clarity Family
- Genesis
 - 2018 Genesis G80
- Subaru
 - 2019 Subaru Ascent
- Toyota / Lexus
 - Video: 2018 Toyota Camry
 - Safety is the Standard
 - 2018 Lexus LS 500
 - Review
- Module Wrap Up
 - Module Summary



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Module 4 – European Vehicle Makers

- Mercedes-Benz
 - Learning Objectives
 - 2018 Mercedes-Benz E-Class Coupe
 - No Bulbs on the 2018 Mercedes-Benz GLA
- Volkswagen/Audi
 - 2018 Volkswagen Atlas
 - 2018 Mixed Material Audi A8
- Volvo
 - 2017 Volvo XC60
 - Volvo Ups the Safety Technology on the XC60
 - Volvo Commits to Electric
- Module Wrap-Up
 - Module Summary

Module 5 – Near Future Trends

- Near-Future Possibilities
 - Learning Objectives
 - 2019 Lucid Air
 - Toyota Concepts a Trail Ride
 - Volkswagen Electric Microbus
 - New Ultralight Door
 - Mercedes-Benz High-Definition Headlamps
- Module Wrap-Up
 - Module Summary



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