



MECHANICS & MAINTENANCE SUPERVISOR WORKSHOP AND TRADE SHOW
Tahoe Truckee Unified School District Transportation Facility
JULY 25 & 26



Bus Electrical Training

Hosted by: Buswest
Instructor: Mark Koivisto
Room: Garage West

Block 1 Bus Electrical and DVOM Theory

8:00am-9:30am for class 1 and 1:00pm-2:30pm for class 2

“DVOM Not So Basic”

Basic usage and function meanings on the Digital Voltage Ohm Meter (DVOM). How to use the different functions of your DVOM to test for voltage, resistance and continuity. How to perform basic electrical troubleshooting steps on various components.

Trade Show Break

9:30am-10:15am for class 1 and 2:30pm-3:15pm for class 2

Block 2 Hands on Bus Electrical

10:15am-11:45am for class 1 and 3:15pm-4:45pm for class 2

“Real World Troubleshooting”

Hands on trouble shooting on electrical issues on a bus. Testing a variety of systems using the DVOM, including heaters, lights, pumps and motors.



MECHANICS & MAINTENANCE SUPERVISOR WORKSHOP AND TRADE SHOW
Tahoe Truckee Unified School District Transportation Facility
JULY 25 & 26



ESW Horizon DPF Maintenance Training

Hosted by: Diesel Emission Service/ESW

Instructor: Steven “JR” Stratton

Room: Welding Bay

Block 1 Introduction to ESW Horizon

8:00am-9:30am

“Introduction to ESW Horizon”

Introduction to the ESW and Cleaire Horizon DPF system. Fault code definition and troubleshooting steps. OEM DPF maintenance procedures and recommendations.

Trade Show Break

9:30am-10:15am for class 1

Block 2 Real World Maintenance and Repairs

10:15am-11:45am

“Real World Maintenance and Repairs”

ESW Mline DPF software overview with diagnostic tips and tricks to keep fleets operational. Vocation specific DPF Maintenance recommendations.



MECHANICS & MAINTENANCE SUPERVISOR WORKSHOP AND TRADE SHOW
Tahoe Truckee Unified School District Transportation Facility
JULY 25 & 26



EV101 An Introduction to Electric School Buses

Hosted by: Lion Electric Co.

Instructor: Craig Wright, Bob Morse & Malinda Sandhu

Room: Welding Bay

Block 1 EV 101 Part 1

1:00pm-2:30pm

“EV101 Part 1”

- Components of an electric school bus and the basics of EV technology
 - Maintenance tips & diagnosis of an all-electric school bus
 - What to expect before and during the delivery of your electric school buses
 - Why do electric school buses make sense?
 - How it works, introduction to charging stations
 - Infrastructure
-

Trade Show Break

2:30pm-3:15pm for class 2

Block 2 EV101 Part 2

3:15pm -4:45pm

“EV101 Part 2”

- Exterior and interior specifications and feature demonstration
- An electric bus on a lift
- Current bus and infrastructure funding options and the process to apply and fulfill documents
- An opportunity to Ride’n’Drive the bus
- Q & A on electrification and infrastructure



MECHANICS & MAINTENANCE SUPERVISOR WORKSHOP AND TRADE SHOW
Tahoe Truckee Unified School District Transportation Facility
JULY 25 & 26



Roush Propane Training

Hosted by: ROUSH CleanTech/A2Z Bus Sales

Instructor: Jared Otto

Room: Garage East

Block 1 Propane Theory

8:00am-9:30am for class 1 and 1:00pm-2:30pm for class 2

“Propane Properties and Fuel System”

In class training on the properties of propane as a motor fuel. Shop and vehicle safety for the repairs of propane vehicles. Description and operation of fuel system components.

Trade Show Break

9:30am-10:15am for class 1 and 2:30pm-3:15pm for class 2

Block 2 Hands on Training

10:15am-11:45am for class 1 and 3:15pm-4:45pm for class 2

“Diagnostic Equipment and Hands on”

Hands on training on a propane school bus. Diagnostic tool training for, Roush and Ford IDS. Hands on training on a bus with defects for real world scenarios.