

NEW
Training Location!



2010 Regional Training Class Schedule

Las Vegas, NV



Instructor	Class Title	Start Date	End Date	Location	Class Cost	Class Size	Class Hours
2010LV1	Chassis Electrical	4/12/10	4/13/10	Las Vegas	\$500	15	7:30 to 3:00
2010LV2	Preventive Maintenance	4/12/10	4/13/10	Las Vegas	\$500	15	7:30 to 3:00
2010LV3	CAFS/Husky Maintenance	4/12/10	4/13/10	Las Vegas	\$500	15	7:30 to 3:00
2010LV4	Command Zone™	4/12/10	4/13/10	Las Vegas	\$500	15	7:30 to 3:00
2010LV5	TAK-4®	4/12/10	4/13/10	Las Vegas	\$500	15	7:30 to 3:00
2010LV6	Aerial Maintenance	4/12/10	4/13/10	Las Vegas	\$500	15	7:30 to 3:00
2010LV7	Hydraulic Troubleshooting	4/12/10	4/13/10	Las Vegas	\$500	15	7:30 to 3:00
2010LV8	Chassis Electrical	4/14/10	4/15/10	Las Vegas	\$500	15	7:30 to 3:00
2010LV9	Command Zone™	4/14/10	4/15/10	Las Vegas	\$500	15	7:30 to 3:00
2010LV10	TAK-4®	4/14/10	4/15/10	Las Vegas	\$500	15	7:30 to 3:00
2010LV11	Hydraulic Troubleshooting	4/14/10	4/15/10	Las Vegas	\$500	15	7:30 to 3:00
2010LV12	Preventive Maintenance	4/14/10	4/15/10	Las Vegas	\$500	15	7:30 to 3:00
2010LV13	*Aerial Maintenance	4/14/10	4/15/10	Las Vegas	\$500	15	7:30 to 3:00
2010LV14	CAFS/Husky Maintenance	4/14/10	4/15/10	Las Vegas	\$500	15	7:30 to 3:00
2010LV15	Air Conditioning	4/16/10	4/16/10	Las Vegas	\$250	15	7:30 to 3:00
2010LV16	Medtec Maintenance & Troubleshooting	4/16/10	4/16/10	Las Vegas	\$250	15	7:30 to 3:00
2010LV17	PUC Maintenance	4/16/10	4/16/10	Las Vegas	\$250	15	7:30 to 3:00
2010LV18	Troubleshooting Air Brakes	4/16/10	4/16/10	Las Vegas	\$250	15	7:30 to 3:00

Classes will be held at the;

**Cashman Center,
850 Las Vegas Blvd N.
Las Vegas, NV 89101**

Class Descriptions:

Aerial Maintenance:

This course is designed to instruct mechanics on the repair and maintenance of the Pierce Aerial ladders and platforms. The class will cover the following concepts:

- ~ Pierce aerial electrical system
- ~ Pierce aerial hydraulic system
- ~ System component identification and functions
- ~ Primary fifty (50) and four hundred (400) hour inspections
- ~ Pierce multiplexed aerial components and functions
- ~ Purpose and use of multiplexed aerial Input/Output (I/O) sheets

The class will also include lecture, demonstration and hands on instruction

***Pre-requisite:** Participants maintaining Pierce multiplexed aerials should be familiar with multiplex components and terminology (or have attended the chassis multiplex class).

Chassis Electrical:

This is an introductory course dealing with the basic (non-multiplex) Pierce electrical system found on Quantum[®], Saber[®] and Arrow XT[™] vehicles. The class is structured to cover location and function of major electrical components used on these vehicles. The following topics will be covered:

- ~ Battery & charging systems
- ~ Pierce electrical system wiring diagrams, schematics & layouts
- ~ Crimping
- ~ Power distribution location and harness routing
- ~ PMC II & PMC III (Pierce Micro Controller) troubleshooting
- ~ Engine control DDC, Cummins or CAT
- ~ World transmission
- ~ Anti-lock Braking System (ABS)
- ~ Pressure Governor

The class will also include lecture, demonstration and hands on instruction

CAFS & Husky[®] Foam System Maintenance:

This course is designed to instruct the mechanic on the basic repairs and maintenance of the Husky[®] & CAFS systems. Model specific electrical and hydraulic systems will also be covered.

The class will also include lecture, demonstration and hands on instruction

Command Zone[™]

This course will provide instruction on the following concepts:

- ~ Command Zone[™] system terminology
- ~ Why specific components are used
- ~ Component locations and their functions
- ~ Purpose and use of an Input/Output (I/O) sheet
- ~ Explanation of interlock functions
- ~ Instructions on the use of Command Zone[™] software
- ~ Suggested test equipment and spare parts lists.

Participants will have the opportunity to hands on troubleshoot and repair faults that have been inserted in new vehicles. Each student will leave the class with a complete understanding of the Command Zone[™] multiplex system, along with copies of all training documentation for future reference.

TAK-4 Independent Front Suspension Maintenance:

This is a (2) day course designed to instruct the technician on the basic principles of our exclusive TAK-4[®] Independent Front Suspension system and the proper maintenance, troubleshooting and repair procedures.

The class will also include lecture, demonstration and hands on instruction with an actual Tak-4[®] axle assembly.

Medtec Ambulance

This will cover training in Medtec's basic electrical system, V-Mux and troubleshooting along with the component locations.

Preventive Maintenance

This class covers Preventive Maintenance on a pumping apparatus from bumper to bumper; we will also cover all the requirements to do an Annual Inspection per DOT guidelines along with annual pump tests.

PUC Troubleshooting and Repair

This course is designed to instruct the mechanic on the basic principles of operation, maintenance and complete disassembly of the PUC water pump. We will encourage hands on participation with the tear down and assembly of the pump.

The class will also include lecture, demonstration and hands on instruction

Air Conditioning

This course is designed to instruct the mechanic on the basic repairs and maintenance needs of the air conditioning systems in the Pierce chassis

The class will cover the following concepts;

- 1) Fundamentals of the air conditioning systems
- 2) Proper System Charging and evacuation
- 3) Detailed troubleshooting of the Pierce installed components

Troubleshooting Air Brakes

We will cover how the different components operate in the air brake system and helpful troubleshooting steps to diagnose system problems.