



2010 Training Class Schedule

Appleton, WI



Class #	Class Title	Start Date	End Date	City	State	Cost	Availability
2010A	Chassis Electrical	2/8/2010	2/9/2010	Appleton	WI	\$500.00	
2010B	Command Zone II	2/10/2010	2/11/2010	Appleton	WI	\$500.00	
2010C	PUC Repair & Maintenance	2/12/2010	2/12/2010	Appleton	WI	\$250.00	
2010D	Aerial Maintenance	4/26/2010	4/27/2010	Appleton	WI	\$500.00	
2010E	Preventive Maintenance	4/28/2010	4/29/2010	Appleton	WI	\$500.00	
2010F	Chassis Electrical	6/7/2010	6/8/2010	Appleton	WI	\$500.00	
2010G	CAFS/Husky Maintenance	6/7/2010	6/8/2010	Appleton	WI	\$500.00	
2010H	Command Zone II	6/9/2010	6/10/2010	Appleton	WI	\$500.00	
2010I	TAK-4 Maintenance	6/9/2010	6/10/2010	Appleton	WI	\$500.00	
2010J	Air Conditioning	6/11/2010	6/11/2010	Appleton	WI	\$250.00	
2010K	Chassis Electrical	8/23/2010	8/24/2010	Appleton	WI	\$500.00	
2010L	CAFS/Husky Maintenance	8/23/2010	8/24/2010	Appleton	WI	\$500.00	
2010M	Command Zone II	8/25/2010	8/26/2010	Appleton	WI	\$500.00	
2010N	Aerial Maintenance	8/30/2010	8/31/2010	Appleton	WI	\$500.00	
2010O	TAK-4 Maintenance	8/30/2010	8/31/2010	Appleton	WI	\$500.00	
2009P	Preventive Maintenance	9/1/2010	9/2/2010	Appleton	WI	\$500.00	
2010Q	PUC Repair & Maintenance	9/3/2010	9/3/2010	Appleton	WI	\$250.00	

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 Non Command Zone vehicles. The class is structured to cover location and function of the 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

Pre-requisite: NONE

CAFS & Husky® Foam System Maintenance:

This course is designed to instruct the mechanic on the basic repairs and maintenance of this equipment. Model specific electrical and hydraulic systems will also be covered.

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

Pre-requisite: NONE

Command Zone II

This course will provide instruction on the following concepts:

- ~ Command Zone II™ 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.

Pre-requisite: Participants should have a thorough understanding of truck electrical systems

TAK-4® Independent Front Suspension Maintenance:

This course is 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.

Pre-requisite: NONE

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 guild lines.

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 conditions systems
- 2) Proper System Charging and evacuation
- 3) Detailed troubleshooting of the Pierce installed components