



WSFMA Academy
30th Anniversary!

Monday, 09/13/10

8:00 AM - 12:00 PM Mock Trial

8:00 AM - 5:00 PM Pumps & Accessories - Instructor: Ralph Craven

This class will acquaint students with the principles and theories associated with the maintenance, pump operation, and operational pump testing required for fire apparatus and equipment. THIS IS AN EVT PREP CLASS

8:00 AM - 5:00 PM Aerial Dynamics - Instructor: Anthony Bulygo

This class will cover the physical principles of manufacture, testing and preventative maintenance of firefighting aerial apparatus out of service criteria. THIS IS AN EVT PREP CLASS

8:00 AM - 5:00 PM Power Stroke 6.7 Diesel – Instructor: Bruce Amaker

This course will cover systems operation and diagnosis of 1994-2009 Powerstroke Diesel Engines.

1:00 PM - 5:00 PM Mobile Equipment Hydraulics - Instructor: George Lonner

This class is designed to differentiate between open/closed center hydraulic systems. A thorough review of component types and how to read hydraulic schematic will be undertaken. With the use of the "FAST II" Hydraulic hands on trainer, the students will be able to build and troubleshoot a variety of hydraulic circuits and systems.

1:00 PM - 5:00 PM Management Interpersonal Styles - Instructor Jim Steffens

This four (4) hour program focuses on the concept that you cannot effectively communicate and supervise other individuals until you are comfortable with whom you are in terms of your own interpersonal style. A simple but effective survey instrument is utilized in order for each attendee to identify his / her interpersonal style. Once an individual recognizes his / her style then a more effective and efficient method of communicating with others can be accomplished. The program focuses on eight interpersonal styles ranging from the "Rugged Individualist" to the consummate "Team Player."

Tuesday, 09/14/10

8:00 AM - 5:00 PM Pumps & Accessories - Continued

8:00 AM - 5:00 PM Aerial Dynamics - Continued

1:00 PM - 5:00 PM Mobile Equipment Hydraulics - Continued

8:00 AM - 5:00 PM Group Dynamics - Instructor Jim Steffens

Working together with other individuals in the organization has become an increasingly important aspect of being an effective supervisor / manager. The first aspect of this eight (8) hour program is to discuss and participate in group dynamic exercises and activities. Understanding the various aspects of workplace group dynamics is critical if the use of workplace teams is to be successful. The second part of the program focuses on the various stages of team development and obstacles to being successful in a team setting.

8:00 AM - 5:00 PM Cummins ISC/L O&M - Instructor: John Hernandez

This class explores operation & maintenance, fuel system theory, & exhaust after treatment of Cummins Engines.

8:00 AM - 5:00 PM Navistar Engine Controls DT466EGR/MaxxFace with ServiceMax Software - Instructor Bruce Amaker

8:00 AM - 5:00 PM Waterous Pumps - Instructor: Mark Blake

Class includes a presentation on centrifugal pump theory, potential for damage, and routine preventative for Waterous Fire Pumps and accessories.

8:00 AM - 5:00 PM Allison Transmission for the EVT – Instructor: George Paradis

This class is an overview of Allison Electric Drives.

Wednesday, 09/15/10

8:00 AM - 12:00 PM Waterous Pumps - Continued

8:00 AM - 5:00 PM Pumps & Accessories - Continued

8:00 AM - 5:00 PM Aerial Dynamics - Continued

1:00 PM - 5:00 PM Mobile Equipment Hydraulics - Continued

8:00 AM - 5:00 PM Cummins ISC/L O&M - Continued

8:00 AM - 5:00 PM Navistar Engine Controls - Continued

8:00 AM - 5:00 PM Allison Transmission for the EVT - Continued

8:00 AM - 12:00 PM Conflict Resolution - Instructor Jim Steffens

This four (4) hour program is designed to address the disruptive aspect of workplace conflict. Specifically the various sources or types of conflict are identified as well as the steps in conflict diagnoses. An important aspect of conflict diagnosis is to determine the nature of the conflict, i.e. is it due to a difference in facts, methods, goals, or values. Each of these requires a different approach to resolve the conflict. Finally, various strategies for handling or resolving workplace conflict are identified and discussed.

8:00 AM - 12:00 PM Harrison Hydraulic Generators - Instructor: Paul Newton

1:00 PM - 5:00 PM Interpersonal Communication - Instructor Jim Steffens

This four (4) hour program discusses and illustrates the three primary modes of oral communication, verbal, non-verbal, and para-verbal. Often what you say is not the message received by the other individual, but rather what you do not say or how you say it sends the strongest message to other individuals. Several individual and group exercises assist in demonstrating these modes of oral communication as well as defining them to the participants in the program. The program emphasizes these all important oral communication modes in order that an individual can be more effective in sending his / her messages.

8:00 AM - 5:00 PM MSA Breathing Apparatus User Maintenance Class - Instructor: Brian Morris

This class will explore the MSA Breathing Apparatus use, maintenance which will allow individuals who successfully complete the course to do 75% of the MSA SCBA maintenance.

1:00 PM - 5:00 PM Waterous Pumps (Repeated)

Thursday, 09/16/10

8:00 AM - 12:00 PM Waterous Pumps (Repeated)- Continued

8:00 AM - 5:00 PM Pumps & Accessories - Continued

8:00 AM - 5:00 PM Aerial Dynamics - Continued

1:00 PM - 5:00 PM Mobile Equipment Hydraulics - Continued

8:00 AM - 5:00 PM Cummins ISC/L O&M - Continued

8:00 AM - 5:00 PM Allison Transmission for the EVT - Continued

8:00 AM - 5:00 PM Project Management - Instructor Jim Steffens

Solving major problems or an organization embarking on a major project requires the understanding of the principles and steps in project management. This eight (8) hour program dissects and demonstrates the project management model for successful completion of major undertakings within an organization. These range from establishing a project charter through to and including the evaluation of a completed project to identify the positive and negative aspects of the project undertaking. The program incorporates both active lecture as well as a variety of individual and small group activities throughout the program.

8:00 AM - 5:00 PM Predictive Maintenance NFPA 1911 - Instructor: Paul Spencer

This class is about how every shop has a maintenance philosophy and strategy. As an industry we are converting over from a failure/repair based strategy to one that is Preventative or Predictive. What are the issues, how much does it cost in time and money, how long does it take, what are the advantages.

**8:00 AM - 5:00 PM Diesel Engine Emission Controls for the DPF, DOC, SCR, DEF & EGR
– Instructor: Bruce Amaker**

8:00 AM - 5:00 PM Breathing Air Compressors - Instructor: Tim Smith

This class will go over operations, regulations, preventative maintenance concerns, installations & operation.

1:00 PM - 5:00 PM Environmental & Occupational Health Sciences

Friday, 09/17/10

8:00 AM - 12:00 PM Pumps and Accessories - Continued

8:00 AM - 12:00 PM Aerial Dynamics - Continued

1:00 PM - 5:00 PM EVT Testing