

### **Arson Class – Paul Firth, Rick Humphrey, & Jim Tuller**

Fire Investigation, Fire Investigation Methodology, Hazardous Materials, Evidence Documentation

### **A Look at Common Chemicals – Rich Mahaney**

1. What do we mean by “common chemicals”?
2. A review of terms and terminology that describes chemical hazards, how chemicals act when they are released from their containers and that are used in reference materials and on Safety Data Sheets to describe chemicals and how they act when they are out of their containers?
3. Looking at commonly found chemicals used in businesses and industries and that are transported across North America?
4. Why could emergency responders respond to incidents involving these chemicals?
5. Comparing chemicals for hazards, safety, that need emergency actions first, which chemical is the most dangerous to emergency responder’s activities?
6. Monitoring priorities with detection equipment?

### **Branding/Marketing a Course for Success – Dan Benson**

Have you been the course manager or the instructor of class that had to be cancelled because of low attendance? Why do you think that happened? Do your courses coincide with the recruiting, hiring, and educational needs of your audience? Your class may teach an invaluable skill—but does your marketing effectively prove its value? If your attendance is lacking, a lackluster promotional strategy is likely to blame!

This course will identify ways that educational events face tough competition when it comes to attracting participants. It will discuss who, what, where, how, and why of how advertising, marketing, and branding your course can lead to better enrollment.

### **Conducting an In-house Pump Operator Academy Utilizing Online Component – Eric Burghardt**

#### Tips and Tricks

#### Pump Operator Academy

- Outline
- Calendar
- Curriculum
- Learning Objectives
- Methodology

#### Student Manual

- Expectations
- Course Work
- Course Outline
- Syllabus
- Student Exercises 1-10

#### Practical Days

- Scenario 1 – Managing Multiple Lines
- Scenario 2 – Draft/Troubleshooting
- Scenario 3 – Flow Test/Math
- Scenario 4 – How much is too much?

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- Scenario 5 – Relay/Troubleshooting
- Scenario 6 – Aerial Operations

### **Developing & Implementing Realistic Rapid Intervention Training – Bill Hopson**

This 2-hour presentation tackles the issue of developing and implementing a consistent, reasonable, realistic and common – sense Rapid Intervention skill training program. This interactive discussion will require extensive attendee participation with the overall goal of providing a “universal” blueprint document, which MAY be immediately applied to current RIT certification/training. This presentation will specifically examine what skill sets should be required for “Rapid Intervention” certification, what potential qualifications should be obtained, the terminology which may be used/standardized and what current RIT training issues are being faced across the country.

This presentation will be unique in its delivery and format. This presentation will require attendees to work in small and large groups and will provide some attendees with an opportunity to deliver small portions of the program. This presentation is specifically intended for fire service personnel who have a direct involvement in designing and delivering Rapid Intervention training to fire department personnel.

### **Drill Ground Instructor Academy – Bill Hopson**

This 4-hour presentation is 100% traditional Fire Service Instructor development. This unique, fast paced, highly interactive presentation is specifically designed for the active fire instructor who desires to improve their overall competency. During this presentation, attendees will be required to apply their existing instructor skills, while performing a series of tasks which are instructor skill specific. This unique, innovative, and highly motivational presentation allows some attendees to deliver portions of the presentation while providing ALL attendees with 100% instructional development skills. There is no other instructor development program like this being delivered anywhere in the fire instructor community, nationwide.

This presentation is NOT power point based, requires extensive participation from each attendee and provides each attendee with a clear pathway to immediately improving their overall fire service instruction skills, while on the Drill Ground. This presentation will require attendees to ACTIVELY USE their cellular and/or tablet devices.

### **(FEMA), Introduction to Radiological/Nuclear WMD Operations AWR-140 Awareness level course – Jean-Christophe Sicard**

The class as 4 modules

1 Radiation concepts

2 Rad/ Nuc Threats

3 Recognition and Notification

4 Protective Actions

Students will get a Pre-Test and a Post-Test. The class is a FEMA class. The course goal is to provide the participant with the fundamental knowledge of radiation, to respond safely to a radiological/nuclear incident, WMD-CBRNE emergency response. As the train the trainer for CTOS i will need to order the materials for the students (Books and 2 test). I will need the actual number of students a month prior to the class. The class is a power point form.

### **Firefighting and Hazmat Decontamination – Rich Mahaney**

1. Why do we perform firefighting and hazmat decontamination?
2. The history of decontamination for firefighting and hazmat incidents?
3. Solids, liquids, gases on and around emergency responders?
4. How do chemicals and hazards enter the human body?
5. What needs to be decontaminated? – people, equipment, apparatus, the neighborhood, the fire station?
6. Decontamination equipment?
7. Decontamination techniques for fire incidents and for hazmat incidents?
8. Decontamination techniques for fire incidents and for hazmat incidents that are different?
9. Decontamination for other “stuff” from structure fires (bed bugs, cockroaches, etc.)?
10. Slow set up verses fast set up involving decontamination.
11. OSHA/MIOSHA decontamination rules?
12. Apparatus “Clean Cabs”, and “clean fire stations”, new turnout gear, the future?

### **HIPP – Alan Styles**

Honor, Integrity, Pride, and Passion is what the Fire Service is built on for over 300 years. What does it really mean? Do you have it? Does your organization have it? How do you build it within your organization? This dynamic yet interactive presentation will reenergize and reset your Honor, Integrity, Pride and Passion within yourself. It will give you the motivation to return home to reinvigorate HIPP within your organization.

This lecture is typically presented in a 4 hour format, it will require some engagement from the participant along, but this presenter also can be quite entertaining and brings it “down to earth” with his “call it like it is” demeanor.....You won't be disappointed.

### **Improving Your Instructor Competency – Bill Hopson**

This 2-hour presentation is specifically designed for the active and engaged fire service instructor who believes they can improve their overall efficiency, effectiveness, competency, and credibility. This presentation provides each attendee with specific techniques for increasing their overall capabilities while they supervise, deliver or create multiple types of fire service training. This presentation is specifically helpful for those instructors who teach in a Firefighter I/II, Live Burn, SCBA or specialized skill type of program. This presentation is highly motivational, very interactive and requires active attendee participation.

This presentation requires and encourages attendees to use their cellular and tablet devices for the purposes of recording and sharing information presented.

### **Interviewing– Shaun Abbey**

Through an interactive course, students will be able to recognize and identify how to successfully prepare for and perform in an interview.

### **Karlin Road Brush Fire – Bill Parker**

### **Know Your Flow – Eric Burghardt**

Flow testing and designing a fire flow from hydrant to nozzle

### **Leadership: Back to Basics– Shaun Abbey**

Through a collaborative class, students will be able to identify and recognize the traits that define an effective leader.

### **Linear vs Adaptive Testing – Stacy Robinson**

A great Instructor is one that is in it for all the right reasons and students remember. Instructors have long-lasting impacts on the lives of their students, and the greatest Instructors inspire students toward greatness. The presentation will dive into what the essential keys are to become a good Instructor and maintaining it over an career that allows you to pass on knowledge and impact your students in an positive manner.

### **McNeil Drivers Training TtT – Brian Blomstrom**

- The Emergency Vehicle Operator (EVO) instructor will be able to take written and practical material for this course and be able to disseminate to course students attending the BO5C/BO5D course within the State of Michigan. •
- The EVO instructor will be able to understand required paperwork, McNeil accessories, and where to locate all necessary course information on the MFSIA website. •
- The EVO instructor will be able to understand critical topics for different slides within the program and use suggestions to enhance the material present for all types of firefighting personnel (career, volunteer, paid-on-call, PSO, etc.).

### **MFFTC Instructor Orientation – Dan Hammerberg**

This course covers MFFTC Structure and Services and OFFT Administrative Policies and Procedures, which an instructor must be knowledgeable in. This segment will provide an understanding of the course structure and materials that will be used during the course presentation and practical skills training.

### **Modern Engines – Steve Staweck & Chris Gruener**

Presentation is for Fire Fighters who conduct structural firefighting operations:

The focus of this class is how to combat today's modern fire environment. Topics covered include knowing your flows, attack packages (1 ¾ and 2 ½ lines), nozzles, hydraulics, hose loads and deployment. This is an interactive class discussing the importance of applying large volumes of water (gallons per minute) to reduce the amount of heat (BTU's) that is generated in today's building construction. The importance of stretching the first line correctly, delivering decisive amounts of water by handlines and deck guns are reviewed. Students are given the critical knowledge, skills, and abilities to plan, test, train, and execute safe and intelligent aggressive fire attack operations.

### **New Technologies in Hazardous Materials – Mike Witteveen & Justin Steeby**

Hazmat refresher: Using Wiser and the ERG to set zones and get basic info; Going over basic meter use to cover the major hazards (radioactivity, corrosivity, flammability, oxygen depletion/enrichment) ; 3/30 rule and FF turnout gear; Quick decon setup.

The goal was is to get students comfortable safely making an entry to save a victim, rather than waiting for a Haz Mat team to arrive, using minimal metering.

### **Probationary Firefighter Training: How to Set and Raise the Bar – Jesse Marcotte, Kyle Lewis & Jake Fedel**

Probationary firefighter training programs set the bar for what is expected of our newest members. These members represent not only the present, but also the future. If we seek to continuously “raise the bar” within our respective organizations, we must learn how to best prepare, engage, and inform our probationary firefighters. Their initiative, attitude, and performance (IAP) set the stage for what will ultimately become their legacy. How we decide to accept and shape their values, beliefs and skillsets will become our legacy. Join us for a rare opportunity to understand how to build a model probationary firefighter training program through the eyes of the probationary firefighter, senior mentor, and training coordinator. Jake Fedel, Kyle Lewis, and Jesse Marcotte will share critical information on how to set the bar and raise it through effective probationary firefighter training. This course provides a start-to-finish framework that is compliant with the requirements and standards referenced in MIOSHA Part 74 and NFPA 1001. Topics include developing the probationary firefighter training manual, succession planning, implementing a mentor system, reverse mentoring, performance appraisals and effective coaching.

### **Putting the Power of Advertising to Work for You – Dan Benson**

How well does your existing brand reflect your training program’s true identity? What do your students really want from your program and do you market your program to them? Did you know that good advertising can subconsciously suggest that we need something before we think we do?

The powers of advertising can influence, persuade, and shape our minds. It can work to sell through association and brand recognition, but it can also convey mistruth.

This course will use a variety of mediums to introduce attendees to the power of advertising and ways to put it to work for their class, course, or program. As a class- can we sell a “Station 5” fictitious product or concept to others?

### **Reinventing How to Practice -Adam Carroll**

The best professionals impart knowledge AND skill that is verifiable through job performance measurements and sustainable through performance evaluations. To do this: good instructors conduct training AND practice; better instructors teach AND coach; and the best instructors understand that their Emotional Intelligence (EI) may be more important than their “regular” intelligence.

### **Smoke (Question Driven) – Dan Hammerberg**

### **TBA – Bureau of Fire Services**

### **The 21<sup>st</sup> Century Inspector – Stacy Robinson**

Foundations of a Good Instructor. Participants will be able to define and discuss The Right Reasons of Instructing and evolving into Modern era Instructions, Participants will be able to define what "A look in the Mirror, Self-Awareness" means and discuss how it can impact them as EMS IC's. Participants will understand the importance of Developing 21st Century Instruction Techniques, technology and how this can impact them in a positive or negative manner, as well as classroom dynamics. Participants will be able to understand, list and discuss Techniques and Means of Adapting, implementing, and utilizing modern day instructional models and technology. Participants will be able to identify and discuss the importance of Development of the Instructors Professionalism through continuous learning, to Change and grow. Participants will understand and be able to discuss the importance of continuous growth and change that will impact the EMS IC's programs of instruction.

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### **Town Hall Meeting with Michigan State Fire Marshall – Kevin Sehlmeier**

This town hall meeting is an opportunity for fire department members and state and local officials to learn more about the rules process that is currently underway to implement needed changes in fire training to meet Public Act 291 and more updates.

### **Yes Class – Kym Pashkowski**