

# Fire School Class Descriptions

## Class Numbering:

Classes with 16xx are a 16 hour class, will be all day Friday and all day Saturday

Classes with 12xx are a 12 hour class, will be ½ day Friday and all day Saturday

Classes with 8xx are an 8 hour class, will be all day Friday or all day Saturday

Classes with 4xx are a 4 hour class, will be ½ day Friday, or either AM or PM Saturday

If a class description is not available please check our webpage for constant updates:

<http://www.sdfirefighters.org/>

## #1601 - ICS-300 Intermediate Incident Command System for Expanding Incidents

**Instructor:** Brent Kolstad

**Course Overview:** This course covers organization and staffing, organizing for incidents and events, resource management, and air operation.

ICS 100 and ICS 200 are pre-requisites to the ICS-300 course.

**Course Objectives:** Describe how the NIMS Command and Management component supports the management of expanding incidents. Describe the incident/event management process for expanding incidents and supervisors as prescribed by the Incident Command System. Implement the incident management process on a simulated Type 3 incident. Develop an Incident Action Plan for a simulated incident.

### Topics:

- ICS Fundamentals Review
- Unified Command
- Incident/Event Assessment and Agency Guidance in establishing
- Incident Objectives
- Incident Resources Management
- Planning Process
- Demobilization, Transfer of Command and Close Out

**Audience :** All mid-level management federal, state, local, tribal, private sector and non-governmental personnel should take ICS 300, including: Middle management, strike team leaders, task force leaders, unit leaders, division/group supervisors, branch directors and Multi-Agency Coordination System/Emergency Operations Center staff.

## #1602 - Firefighter Essentials

**Instructors:** Mike Roemmich & Mike Eliason

**Course Description:** Students seeking some of the South Dakota Certified Firefighter Classes may obtain several of the mandatory classes required for becoming a Certified Firefighter and/or participate in some of the other basic classes that will be conducted. This is a good opportunity for your new recruits to get introduced to the skills required for firefighting and have their State Fire Marshal's Office blue cards partially signed off. Classroom instruction will cover Safety, Personal Protective Equipment (PPE), Self-Contained Breathing Apparatus (SCBA), Fire Behavior, Ladders, and Ventilation. There will also be a

smoke house with associated fire ground skills conducted for those students completing the classroom segments.

**Students are required to bring their full NFPA compliant PPE and SCBA to participate in the hands-on training portions of this class.**

**Class limit: 50 students**

Instructor Information: Mike Roemmich has been in the fire service in South Dakota for nearly 22 years and is currently employed as a Lieutenant for the Aberdeen Fire & Rescue. He has also served as a Career Airport Fire Chief, NREMT – Basic and Volunteer Firefighter. Mike has been a certified South Dakota Fire Instructor for approximately 10 years and has provided firefighting instruction to several firefighters across the state.

Mike Eliason has served as a career Firefighter/EMT with Aberdeen Fire & Rescue for approximately 11 years. He also has a degree in Fire Science & Fire Technology. Mike has been a certified South Dakota Fire Instructor for approximately 6 years and has provided firefighting instruction to several firefighters across the state.

## **#1603 - Essentials of Fire Chaplaincy**

**Instructor: Chaplain Bill Lotz**

Essentials of Fire Chaplaincy – is a sixteen hour course designed as a “Survey of Fire Chaplaincy”. It is appropriate for new chaplains, experienced chaplains, and those who just want to learn what fire chaplaincy is all about. The course includes classes in Ministry to Firefighters, Ministry to Fire Victims, Critical Incident Stress, Fire Department Funerals, Fire Chaplain Operations, and many others. This course serves as the foundation for credit with the Federation of Fire Chaplains.

(Note additional \$25.00 fee applies to this class for Federation of Fire Chaplains Certification)

Instructor Information: Chaplain William Lotz has been serving as a fire and police chaplain since 1986. He currently works with Tri Cities Chaplaincy in Southeast Washington State coordinating chaplain programs with ten emergency response agencies. Bill earned his Doctor of Ministry degree in Chaplain Studies from Golden Gate Theological Seminary in 1999. He has been a member of the Federation of Fire Chaplains since 1992 and currently serves as the director of FFC’s Chaplain Training Institute. Bill has authored several chaplain training classes and teaches throughout the United States. Bill and his wife Bobbie have three daughters and live in West Richland, Washington.

## **#1204 - Live Fire Training – Live Fire Attack and FF Technique Training using Mobile Live Fire Trainer - Platte FD**

**12 Hours – Friday AM/Saturday AM&PM**

**Instructors: Platte Fire Department MLFTU Cadre**

**Course Description:** The basic principles of firefighter safety, fire behavior, ventilation, SCBA and fire streams will be reviewed in the classroom session. Participants will then put their knowledge to use in the NEW two-story Mobile Live Fire Training Unit.

This hands on training will simulate conditions encountered in actual interior structure fires (live fire, heat and smoke). During the evolutions the student will be able to practice SCBA usage, emergency SCBA procedures, hose handling, nozzle techniques, fire attack and ventilation (horizontal and vertical).

Students will have the opportunity to practice multiple fire attack scenarios including ground level entry and basement fires as well as rescue procedures.

Any students needing to fulfill the 'Live Fire Training' portion of their SD FF Certification Blue Card should bring it to class. If all pre-requisites are met the applicable hands on tasks on the blue card will be signed.

**Class limit: 24**

**Prerequisites:** Participants must be 18 years of age, in good health and a certified FF or currently enrolled in a certified FF course having received training to meet the minimum job performance requirements for Fire Fighter 1 in NFPA 1001, related to the following subjects; SAFETY, FIRE BEHAVIOR, PORTABLE EXTINGUISHERS, PPE, LADDERS, FIRE HOSE, APPLIANCES, STREAMS, OVERHAUL, WATER SUPPLY, VENTILATION, FORCIBLE ENTRY & BUILDING CONSTRUCTION. Participants will be required to read and sign a SAFETY GUIDLINE DOCUMENT as well as a LIABILITY WAIVER DOCUMENT that also indicates they meet the minimum participation requirements.

**Equipment Requirements:** Students must have full Structural PPE (including hood) and SCBA in good serviceable condition that was NFPA compliant at manufacture date. If possible a spare SCBA cylinder should be brought as well.

## **#1205 - Live Fire Training - Class A Flashover & Interior Attack –**

**12 Hours – Friday AM/Saturday AM&PM**

**Instructor(s): Rapid Valley FD Cadre**

The basic principles of firefighter safety, fire behavior, ventilation, SCBA and fire streams will be reviewed in the classroom session. Participants will then put their knowledge to use in the NEW two-story Mobile Live Fire Training Unit.

This hands on training will simulate conditions encountered in actual interior structure fires (live fire, heat and smoke). During the evolutions the student will be able to practice SCBA usage, emergency SCBA procedures, hose handling, nozzle techniques, fire attack and ventilation (horizontal and vertical).

Students will have the opportunity to practice multiple fire attack scenarios including ground level entry and basement fires as well as rescue procedures.

Any students needing to fulfill the 'Live Fire Training' portion of their SD FF Certification Blue Card should bring it to class. If all pre-requisites are met the applicable hands on tasks on the blue card will be signed.

**Prerequisites:** Participants must be 18 years of age, in good health and a certified FF or currently enrolled in a certified FF course having received training to meet the minimum job performance requirements for Fire Fighter 1 in NFPA 1001, related to the following subjects; SAFETY, FIRE BEHAVIOR, PORTABLE EXTINGUISHERS, PPE, LADDERS, FIRE HOSE, APPLIANCES, STREAMS, OVERHAUL, WATER SUPPLY, VENTILATION, FORCIBLE ENTRY & BUILDING CONSTRUCTION. Participants will be required to read and sign a SAFETY GUIDLINE DOCUMENT as well as a LIABILITY WAIVER DOCUMENT that also indicates they meet the minimum participation requirements.

**Equipment Requirements:** Students must have full Structural PPE (including hood) and SCBA in good serviceable condition that was NFPA compliant at manufacture date. If possible a spare SCBA cylinder should be brought as well.

## **#1206 - Live fire training using Aberdeen's Fireblast Mobile Live Fire Training Unit**

**12 Hours – Friday AM/Saturday AM&PM**

**Instructor(s) - Aberdeen Fire & Rescue Cadre**

The basic principles of firefighter safety, fire behavior, ventilation, SCBA and fire streams will be reviewed in the classroom session. Participants will then put their knowledge to use in the NEW two-story Mobile Live Fire Training Unit. This hands on training will simulate conditions encountered in actual interior structure fires (live fire, heat and smoke). During the evolutions the student will be able to practice SCBA usage, emergency SCBA procedures, hose handling, nozzle techniques, fire attack and ventilation (horizontal and vertical). Students will have the opportunity to practice multiple fire attack scenarios including ground level entry and basement fires as well as rescue procedures.

*Any students needing to fulfill the 'Live Fire Training' portion of their SD FF Certification Blue Card should bring it to class. If all pre-requisites are met the applicable hands on tasks on the blue card will be signed.*

**Prerequisites: Participants must be 18 years of age, in good health and a certified FF or currently enrolled in a certified FF course having received training to meet the minimum job performance requirements for Fire Fighter 1 in NFPA 1001, related to the following subjects; SAFETY, FIRE BEHAVIOR, PORTABLE EXTINGUISHERS, PPE, LADDERS, FIRE HOSE, APPLIANCES, STREAMS, OVERHAUL, WATER SUPPLY, VENTILATION, FORCIBLE ENTRY & BUILDING CONSTRUCTION. Participants will be required to read and sign a SAFETY GUIDELINE DOCUMENT as well as a LIABILITY WAIVER DOCUMENT that also indicates they meet the minimum participation requirements.**

**Equipment Requirements: Students must have full Structural PPE (including hood) and SCBA in good serviceable condition that was NFPA compliant at manufacture date. If possible a spare SCBA cylinder should be brought as well.**

## **#1208 - Water Rescue...How to operate with what we have!**

**(12hrs (Fri. AM & Sat. AM&PM))**

**Instructor(s): Nathan Rumell & John Harlan**

**Course Description:** This class was developed with the understanding that most departments have the potential for a water rescue response but not all departments are capable of having a specialized team to handle those emergencies. We hope to provide students with a good understanding of the risk/benefit assessments that need to take place and give them some tools to safely operate at Water Rescue Emergencies.

Students will have an initial classroom session followed by a full day on the water's edge and in the water. The class consists of the following elements: Presentation, Q&A and equipment familiarization; Strategy, tactics and operational planning; Ropes and knots review; Offensive Swimming Drills; Defensive Swimming Drills; Shallow Water Crossing Drills; Throw Bag Drills; Proper Belaying Techniques; Tension Diagonal Drills; Strainer Drills; Foot Entrapment Drills; Bridge Lasso Drills; Students will complete individual and group activities to enhance learning;

Students are required to have a Type III or Type V PFD and need to be able to swim in order to participate. Optional equipment would be a water rescue or vented climbing helmet, gloves, wet or dry suit and a change of clothes.

Students are welcome and encouraged to bring any water rescue equipment they may have.

**class limited to 20 students.**

## **#801 & 806 - 3 R's of Size Up - Read the building, Read the smoke, Read the risk**

Friday or Saturday

**Instructor: Denny Hansen**

One of the most important size-up skills an officer or firefighter can have is the ability to capture in an instant:

- The type of building you are dealing with
- What is the layout of the building
- How much fire do I have
- Where the fire is going
- What is the risk/benefit

Answering these questions allows you to determine where to draw your line-in-the-sand to contain the fire? This class is designed to provide both career and volunteers with detailed training and exercises that will improve your size-up effectiveness as a first-arriving officer or firefighter and provide you with an excellent opportunity to enhance your rapid decision making skills. This course is an expanded version of "The Art of Reading Smoke."

Instructor: Denny Hansen, a 33-year member of the fire service, has taught classes to fire departments and fire schools in Iowa, Illinois, Kansas, Nebraska, and South Dakota. Denny is the Training Officer with the Iowa City Fire Department and a firefighter with the Solon Volunteer Fire Department. He is a Nationally Certified Fire Fighter III, Fire Officer II, Instructor II, Inspector I, Driver/Operator Pumper, Driver/Operator Aerial, Fire Investigator, Rope Rescue III Technician, Auto Extrication Technician, Hazmat Technician, a member of the Iowa City Fire Department Honor Guard, and received his Fire Science Certificate from Kirkwood Community College in Cedar Rapids, IA.

## **#804 & 807 - Livestock Emergency Response**

Friday or Saturday

**Instructor: Jennifer Woods**

This program covers stressed animal handling and behavior, responding to motor vehicle accidents involving livestock (commercial trailers and stock trailers), extrication tools and techniques, rescue, barn fires, first aid, euthanasia, chain of command and how to establish rescue resources.

Instructor Information: Jennifer is a livestock handling specialist based out of Blackie, Alberta, Canada. Jennifer obtained her undergrad degree in Animal Science at Colorado State University and her master's degree in Veterinary Preventative Medicine from Iowa State University. While studying at Colorado State University, one of Jennifer's professors was Dr. Temple Grandin. This was the beginning of a relationship that has continued with Dr. Grandin for over 20 years as a mentor, colleague and friend.

Jennifer has over 25 years' experience in the livestock industry and has worked as a consultant to the industry since 1998. Her areas of expertise include euthanasia, animal handling and behavior, animal welfare auditing and assessing (slaughter, farm, feedlot and transportation), livestock emergency response, transportation, and facility design. Jennifer's work has taken her all over North America, across Europe and down to Australia.

## #809 & 810 - 'Railroad 101' Railroad Emergencies

**Instructor: Mike Ball** - Manager of Dangerous Goods/Hazmat and Emergency Response  
Canadian Pacific Railroad, Huron, SD

Mike has been involved in hazardous materials response for the greater part of 35 years. He has experience in oil service drilling and pipeline, firefighting and railroad response. He will be presenting a class nicknamed "Railroad 101". This class will focus on response to rail incidents, including fire, derailments and hazardous materials releases. Classroom time will be spent with understanding railroad locations, paperwork, contacts and sources of assistance. Field work will include railcars, tank cars and locomotives.

**PPE requirements include safety glasses, boots, rescue style gloves and head protection.**

**Firefighter gear is appropriate, however bunker coats and pants are not necessary.**

Handouts and DVD's will be provided to assist attendees in bringing this valuable information back to their home departments.

**Class size is limited to 25.**

## #813 & 814 - Positive Pressure Attack

**Instructor: Kriss Garcia**

**Course Description:** This class will look at smoke management and flashover control with an emphasis on proper Positive Pressure Attack. Students have an initial classroom session followed by several hours of live burns where members will be able to see the benefits of PPA in firefighter safety. The class consists of the following elements.

- Presentation, Q&A and practice scenarios.
- Introduces, discusses and clarifies the concept of PPA
- Talks about other ventilation techniques, with a critical eye toward victim and firefighter safety
- Covers how to utilize PPA as a single company procedure and other aspects of operating at a fire utilizing PPA, including complex incidents with a multi company response
- Looks at more data and includes in-depth discussion of precautions associated with PPA
- Students complete individual and group activities to enhance learning
- **Firefighters are required to have complete PPE and SCBA in order to participate.**

**Students who will be participating in the live burns will need to have a waiver filled out by a supervisor from their department. Please bring the waiver with you to class. A copy of the waiver and information needed from the department which can be downloaded on the registration site:**

## #802 - Meth Lab Awareness, Booby Traps & Other Surprises

**Instructor: Dennis Correll**

In the first part of this class we will discuss the dangers of a Meth Lab. Responding to a fire, explosion, or medical emergency may not be what it seems if a Meth Lab is found. You could be the first one on the scene and exposed to dangerous chemicals, environment, and other devices. Meth Labs are very dangerous and affect everyone. But did you protect yourself? What you do could put your life and those around you at risk. *KNOWING WHAT NOT TO DO COULD BE THE SECRET TO SURVIVING.* In this class we will look at meth labs and what they include; what chemicals are used, the health effects, and what to look for.

In the second part of this class we will look at some different types of devices that can injure or kill First Responders. These devices are designed to protect their chemicals, drugs, and money in an attempt to control the local drug market. But when responding these items can become a threat to the safety of the First Responder. We provide this information in an attempt to make you safer and give you a heads up, should you ever encounter one of these labs.

This course qualifies for Fire Fighter, EMS, and POST continuing education credits.

**Instructor Information:** Dennis has been involved with emergency services for over 30 years. He is a nationally certified Fire and Arson Investigator, K-9 unit, as well as a nationally certified Fire Instructor, (IFSAC & NBOPQ). He holds certifications as an EMT-A/C and is a SCUBA /Water Rescue Instructor. He has a degree in construction technology, and is a licensed general contractor in several states, that includes a journeyman plumber's and a journeyman electrician's license. He is presently the owner of INFO-Built (Insurance "N" Fire Organization) a building, insurance consulting company.

## **#803 - Fire Investigation**

### **Instructor: Cliff Dahl**

Cliff Dahl is a 34 year veteran of the South Dakota Fire Service. He has held the positions of Captain and Assistant Chief, serving on 3 volunteer fire departments in Pennington County. He has been a South Dakota Fire Service Instructor since 1986, teaching in numerous Fire Departments and State Fire Schools. Cliff is currently a Captain on the Rapid Valley VFD. He is also a NREMT-I and works part time with the Sturgis Ambulance Service. Cliff began doing fire investigations with the Rapid Valley VFD approximately 23 years ago. Cliff joined the South Dakota Fire Marshal's Office in January of 2004 and is responsible for the training, inspections and fire investigations in the West River Area. Cliff is a Certified Fire Investigator with the International Association of Arson Investigators, holds an Associate Degree of Applied Science and has attended numerous courses at the National Fire Academy.

## **#805 - NWCG RT-130 Annual Wildland Fire Safety Refresher**

### **Instructor: Rob Lehmann**

#### **Course Description**

Annual Fireline Safety Refresher Training should be designed to provide up to date fireline safety information to employees holding Incident Command System qualifications requiring this training per the PMS 310-1, Wildland Fire Qualification System Guide. Individual sessions of Annual Fireline Safety Refresher Training should contain content pertinent to the registered students.

#### **Objectives:**

- **Avoiding Entrapments** – Use training and reference materials to study the risk management process (as identified in the Incident Response Pocket Guide) and rules of engagement (as appropriate to the participants, e.g. LCES, Standard Firefighting Orders, Eighteen Watch Out Situations, WFDSS (Wildland Fire Decision Support System) direction, Fire Management Plan priorities, etc.).
- **Current Issues** – Review and discuss identified current topics and national emphasis topics as found on the current WFSTAR web site. Review forecasts and assessments for the upcoming fire season and discuss implications for firefighter safety.
- **Fire Shelter** – Review and discuss last resort survival. Conduct hands on fire shelter inspections. Practice shelter deployments in applicable crew/module configurations and while wearing typical fireline personal protective equipment. When possible, practice shelter deployments should be conducted in rough terrain and windy conditions. No live fire exercises for the purpose of fire shelter deployment training will be conducted.
- **Other Hazards and Safety Issues** – Choose additional hazard and safety subjects, which could include SAFENET, current safety alerts, site/unit specific safety issues and hazards.

## **#808 - Fireground Tactics & Decision Making**

### **Instructor: Bobby Halton**

Chief Bobby Halton ret. is currently editor in chief of Fire Engineering magazine and education director of the Fire Department Instructors Conference (FDIC). Chief Halton is a native New Yorker. He began his career in structural firefighting with the Albuquerque (NM) Fire Department and rose through the ranks to include chief of training. Bobby was chief of operations until his retirement from Albuquerque in 2004. He then became chief of the Coppell (TX) Fire Department, Bobby left Coppell to assume the duties as editor in chief of Fire Engineering Magazine.

Chief Halton is a graduate of the University of New Mexico, left a member in good standing with the International Association of Fire Fighters, is a member of the International Association of Fire Chiefs, and has served on several of the National Fire Protection Association technical committees. He is active with the National Fallen Firefighters Life Safety Initiatives. He has done extensive speaking and training for the fire service in the United States, Canada and internationally.

## **#811 - Engage Your Firefighters in Training through Safe Props**

### **Instructor: Jesse Luce**

The goal of this class is to expose the students to a number of DIY props that they can build to enhance the training experience for their students;

**Objectives** of this class are to: 1. Provide the student exposure to a number of DIY training props; 2. Demonstrate to the student how props such as these can be utilized to engage the student in the training being presented; 3. Provided with limited raw materials build at least one prop for use in their fire department.

**Training props** to be demonstrated/shown in the class.

1. Grain Elevator (3.5' tall with observation window and blow off roof),
2. Plexiglass House (see through with operating doors and windows); Can be used to demonstrate building construction, ventilation;
3. Wildland sandbox (3'x6' filled with dry sand and covered with treated sawdust and using paper houses); For strategic/tactical/safety/incident command training
4. Escape window (free standing 4'X8' wall with a window opening); a) For safe ground level training of ladder bailouts, rope escapes, firefighter/civilian rescue, VES, ladder placement;
5. Floor collapse (a 6' sloping ramp that will dump ff's into a box of foam);
6. Prefire plan exercises; Used to lay out a particular facility and allow firefighters to make a "dry run on a fire at that location using prefire plans, using a newspaper "end roll", toy fire trucks/tractors, "on scene" radios on a tactical channel to communicate with the IC, and different color yarn to illustrate different size fire hose.
7. Fire Behavior (collection of tubes and plexi-glass ramps, etc.); a) Demonstrate the heat, fuel and ignition sources; safety concerns with vapor density, specific gravity, and LEL/UEL; explain the dangers of flammable liquids and their safe storage and use;
8. Sprinkler systems (asst. of pipes, fittings, valves, sprinkler heads); students are given adequate parts to build a small scale complete sprinkler system
9. Building construction (small trusses, TGI's, columns, etc.); various building components used to explain the interaction safety and danger of modern construction;
10. SCBA Entrapment Drills; a) Various props of entrapment such as hanging wire, collapse, confusing room layouts, emergency evacuation, etc.



11. Fire Scene Operations (computer, projectors, screens) Present scenes of local fires (computer generated) using Digital camera and Power Point; Cheapware/Freeware programs; Hand drawn pictures and using your wife's Christmas Village and toy trucks;

12. Initial On Scene Actions (computer, projector, screen, local fire equip.); Placing multiple screens appropriately, it is possible to force a 360 walk around of the scene and develop the IAP

13. Dry nozzle plug; Machine a threaded solid plug so that you can prevent any accidental opening of the nozzle while practicing handling a charged line inside a building, up the stairs, around merchandise isles, etc.

Building your own prop; 1. Provide materials that can be used to build small trusses, beams, columns, and other building structures; building accurate looking props;

Building your training program to take advantage of your props; use the "*talk about it/demonstrate it/practice it*" method of training instead of power point and lecture; Finally put it all together and practice again! Make it a game with prizes and "bragging rights."

## **#812 - EVOC (Emergency Vehicle Operators Course)**

**Instructors: Ron Hines & Shane Lehrkamp**

Class will cover how to become more competent in emergency vehicle operation and defensive driving when responding to an incident.

Instructor Information: Ron Hines - Lieutenant Huron Fire Rescue - 17 years and  
Shane Lehrkamp - Pierre Fire Department & Fisher Rounds & Associations

## **#402 & 403 & 404 & 405 - Firefighter Survival**

**Instructors: Scott Carrigan & Greg Bolduc**

### **SCOTT CARRIGAN**

Scott has been in the fire service for 16 years and is currently a Lieutenant with Nashua Fire-Rescue. Scott is also a Senior Staff Instructor at the NH Fire Academy, and an instructor with the IEU. He has Associates degrees in Fire Science and Fire Protection, a Bachelors in Fire Protection & Safety Engineering Technology. Scott is an Associate Professor at NHCTC-Laconia, teaching fire science programs, and a Rescue Specialist with FEMA's Urban Search & Rescue Task Force, MATF-1.

### **GREG BOLDUC**

Greg has 16 years of experience in the fire service. He currently works for the Manchester Fire Dept. as a firefighter. Greg holds an Associate's Degree in Fire Science and has been a state certified instructor since 1993. He has worked for the NH Fire Academy and the IEU for the past five years. His experience ranges from Airport firefighting to structural along with experience working as a firefighter on a military base.

## **#406 & 407 & 408 - SCBA Confidence**

**Instructor: Mike Erickson**

This course is designed to give the fire fighter the confidence to successfully deal with certain situations fire fighters may encounter in any fire building. having confidence of doing something before and knowing you can do it again. Learn and understand air management.

**Equipment Requirements: Students must have full Structural PPE (including hood) and SCBA. If possible a spare SCBA cylinder should be brought as well.**

Instructor Information: Mike has been with Parker fire dept. for 11 years been an instructor since 2008 and has taught several certified fire fighter classes, SCBA confidence classes, ICS, EVOC and Wildland classes. He has taught at state fire school and district schools.

## **#409 & 410 & 411 - Hybrid Vehicle Extrication**

**Instructor: Darrell Hartmann**

The class will present the newest technology in hybrid cars that firefighters may encounter during a vehicle extrication or fire. We will address how to safely approach a hybrid vehicle for extrication or a fire by understanding the power systems, new reinforced metal, and restraint systems. This will be a four-hour classroom session.

## **#412 & 413 & 414 - Pump Operations**

**Instructor: David Jorgenson**

Class: Basic pump operation, what do those things on the panel do. What to look for when things don't work. Some basic maintenance tips, troubleshooting tips, hands on with component repair, internal workings of a pump. New controls versus old controls

Instructor Information: David Jorgenson, 31 years on Colton fire and rescue, current training officer for fire and ems. State training instructor since 1990 for GFP, Hunt Safe, EMS, Fire. Worked for local fire truck manufacturer for 25 years, repairing, training, testing of fire pumps. Working now as Customer Service/Warranty representative.

## **#415 & 416 & 417 - Talking with Patients**

**Instructors: Misty Peck and Michelle Schmidt**

**Class description:** *Misty Peck and Michelle Schmidt will be presenting continuing education hours for EMS. CE hours are 2 in preparatory, 1 in assessment & 1 in trauma.*

Misty will teach therapeutic communications and history taking for the fire fighter. You'll learn about the science behind communications with patients of all ages and how to develop trust and rapport with each age group. She'll also talk about communications with challenging situations and getting the best history.

Michelle will talk about medical legal issues affecting EMT's & fire fighters. You'll learn how to avoid negligence pitfalls. She'll also spend a short time discussing response to fires within the medical facility.

**Instructor Information:** Misty Peck is a paramedic who has been in EMS since the late 1980's. Currently she is the director for the Belle Fourche Ambulance and also works for Lead Deadwood Regional Hospital as a paramedic. She first became an EMT in Wyoming and then upon moving to the Black Hills, gained her South Dakota certification in 2001. Prior to working full-time in EMS, Misty was a member of the media, working in radio, television and newspaper. She holds a degree in communications from BYU, Idaho. Misty also spent seven years as a county emergency manager. She is a past president of the South Dakota Emergency Management Association. She is a certified critical care paramedic. Misty resides in Belle Fourche.

Michelle Schmidt has worked in the legal profession since 1987. She is a Certified Legal Assistant (paralegal) through the National Association of Legal Assistants. She obtained her Advanced Certified Paralegal designation from NALA in Trial Practice in 2010. Michelle obtained her EMT-B in 2006 and

most recently, became certified as Advanced EMT. She works at the Barker Wilson Law Firm in Belle Fourche. In March of 2013 Michelle was selected to serve on the NREMT's AEMT standard setting committee which met in Columbus, Ohio. Michelle and her husband Dennis reside in Belle Fourche with their daughter. Michelle is a member of the Belle Fourche Ambulance Service and spends the winter ski season as working members of the Terry Peak Ski Patrol.

## **#418 & 419 & 420 - Recruitment & Retention**

### **Instructor: Al Christie**

Recruitment and Retention - Volunteer Fire Departments nationwide continually face the issue of recruiting new members and also retaining qualified firefighters to serve their individual communities.

This presentation will be an interactive discussion among attendees to explore what some South Dakota Departments are doing to keep their ranks full and also what different types of programs have been used in recruitment. Class attendees are encouraged to bring ideas and success stories for their departments.

**Instructor:** Al Christie: 33 years in various fire service capacities including Firefighter, Captain and Assistant Chief for the Pierre Fire Department along with serving the South Dakota Fire Marshal's Office as Training Director and State Fire Marshal.

## **#421 & 424 & 425 - Hazmat Tabletop**

### **Instructor: Dustin Willet**

Instructor Information: Dustin Willett - Rapid City Fire & Pennington County Emergency Management HAZMAT. Love it or hate, we still have to deal with it. We will discuss common occurrences and local solutions to incidents that make us all a little nervous. When it's all over, you'll feel a lot more comfortable.

## **#422 - Emergency Response to Explosive Incidents**

### **Instructor: David Correll**

This program is designed to provide emergency responders and public safety personnel with an understanding and guidance to respond to incidents involving explosions, explosives, and bomb threats. In this class we will develop an understanding for "bomb threat" search procedures, and learn how to respond to these types of incidents.

**Instructor:** Dennis Correll has been involved with emergency services for over 30 years. He is a nationally certified Fire and Arson Investigator, K-9 unit, as well as a nationally certified Fire Instructor, (IFSAC & NBOPQ). He holds certifications as an EMT-A/C and is a SCUBA /Water Rescue Instructor. He has a degree in construction technology, and is a licensed general contractor in several states, that includes a journeyman plumber's and a journeyman electrician's license. He is presently the owner of INFO-Built (Insurance "N" Fire Organization) a building, insurance consulting company.

## **#423 - Learning from the Experience of Others**

### **Instructor: Bobby Halton**

The Editor in Chief of Fire Engineering Magazine will fill your day with the knowledge and experience of over 30 years of his own, and from hundreds of others you can relate to.