South Dakota Firefighters Association
State Fire School 2019 – Course Catalog & Information
Thursday June 6th-Saturday June 8th, 2019

Mitchell Technical Institute
1800 East Spruce Street
Mitchell, SD  57301

and stay tuned to the website for updates and announcements regarding SD State Fire School, also check out the South Dakota State Fire School page for updates as well!

The following are just some of the hotels in the area that have set aside rooms and may have special rates for State Fire School. Also check the links for the Convention & Visitors Bureau and the Chamber of Commerce for more information about hotel availability and the City of Mitchell. See you in June!

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<thead>
<tr>
<th>Hotel Name</th>
<th>Phone Number</th>
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</thead>
<tbody>
<tr>
<td>America’s Best Value Inn</td>
<td>(605) 996-5536</td>
</tr>
<tr>
<td>Comfort Inn &amp; Suites</td>
<td>(605) 990-2400</td>
</tr>
<tr>
<td>Days Inn</td>
<td>(605) 996-6208</td>
</tr>
<tr>
<td>Mitchell Hampton Inn</td>
<td>(605) 995-1575</td>
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<tr>
<td>Quality Inn</td>
<td>(605) 996-1333</td>
</tr>
<tr>
<td>Ramada Inn &amp; Suites</td>
<td>(605) 996-6501</td>
</tr>
<tr>
<td>Super 8</td>
<td>(605) 996-9678</td>
</tr>
<tr>
<td>Thunderbird Lounge</td>
<td>(605) 996-6645</td>
</tr>
</tbody>
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Summary Schedule of Events – TENTATIVE/SUBJECT to CHANGE

**Thursday, June 6th**
- 12:00pm-3:00pm Trade Show Setup
- 3:00pm Registration & Trade Show Open
- 4:00pm Evolutions
- 6:00pm Registration & Tradeshow Closes
- 7:00pm Instructors Meeting
- 7:00pm Water Fights (registration @ 6:30pm)
- Supper on your own

**Friday, June 7th**
- 7:00am Registration Opens
- 7:30am Opening Remarks/Membership Meeting
- 8:00am Tradeshow Open
- 8:30am Classes Begin
- 11:30pm Lunch (at MTI or on your own)
- Classes Resume After Lunch (schedule may vary per class)
- 5:00pm Registration & Trade Show Closes
- 6:00pm Memorial Service
- Supper on your own
- Dear Old Timers after the Memorial Service
- 7:00pm Essentials Written Testing & Practical Testing

**Saturday, June 8th**
- 7:30am Registration Opens
- 8:00am Trade Show Opens (Some Vendors may opt to Show only on Friday)
- 8:30am Classes Resume
- 11:00am Elections Begin
- 11:30 Lunch (at MTI or on your own)
- 12:00pm Trade Show Closes
- Classes Resume After Lunch (schedule may vary per class)
- 2:00pm Elections Close
- After completion of the last class – Closing Ceremonies/Membership Meeting/Awards Ceremony
- Supper on your own
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Rev. 04/30/2019 rcg
Stay tuned to the SDFA Website, SDFA Facebook, State Fire School Facebook, the SD State Fire Marshal’s Website and SD State Fire Marshal’s Facebook for updates on classes, schedules and other events as some last-minute changes always seem to arise. Hope to see you in June!

Once online registration is open you can [click here](#) to be taken to the registration site. Our registration system is ‘Mobile Device Friendly’ if you’d like to register with your phone or tablet. Scan the following QR Code with your device to be taken to the registration system.

In cases where Hands-on-Classes have limited student seats available, please refrain from registering more than 2 individuals per department so that more departments can have students attend and bring this knowledge home to their department. Exceptions apply in the case of classes offering certification(s) that might be needed by several Firefighters from a single department.

Check out some of our partners in Public Safety:

[Logos of partnering organizations]
Special Note for EMR/EMT personnel attending State Fire School, the following classes offer EMR/EMT Continuing Education Hours.

Class offering EMR/EMT Continuing Education Hours

- 04-03 – Pipeline Emergencies – EMS/Fire Culture of Safety 2hrs. & Field Triage/Disasters/MCI 2hrs.
- 04-05 – Officers Roundtable – Ambulance/Fire Research 4hrs.
- 04-06 – You’re The Training Officer-Now What? - Crew Resource Management 2hrs., EMS/Fire Culture of Safety 1hr. & EMS/Fire Provider Hygiene, Safety & Vaccinations 1hr.
- 04-08 – TIMS Traffic Incident Management System – Ambulance/Fire Safety .5hr, EMS/Fire Culture of Safety .5hr, Crew Resource Management 1hr. & Emergency Vehicle Operations 2hrs.
- 04-11 – Cancer Awareness for Firefighters – EMS/Fire Culture of Safety 1hr., EMS/Fire Research 1hr., Crew Resource Management 1hr. & EMS/Fire Provider Hygiene, Safety & Vaccinations 1hr.
- 08-01 – Entry Level Search & SCBA Confidence Course – Ambulance/Fire Safety 2hrs., EMS/Fire Culture of Safety 2hrs., Oxygenation 2hrs & EMS/Fire Provider Hygiene, Safety & Vaccinations 2hrs.
- 08-08 – EVOC – Ambulance/Fire Safety .5hr, EMS/Fire Culture of Safety .5hr., Crew Resource Management 1hr & Emergency Vehicle Operations 6hrs.
- 08-09 – Commanding the Box – Crew Resource Management 4hrs. & Field Triage/Disasters/MCI 4hrs.
- 08-10 – Modern Fire Attack in Urban & Rural Settings – Evidence Based Guidelines 4hrs. & EMS/Fire Research 4hrs.
- 08-12 – Tactical Medicine/Triage for Fire Responders – Trauma Triage 2hrs., Field Triage/Disasters/MCI 4hrs., Hemorrhage Control 1hr & Airway & Ventilation 1hr.
Class #04-01 – Leadership So Everyone Goes Home
4hr. Class offered Fri. AM, Fri. PM, Sat. AM & Sat. PM

Class Description: A course of the Everyone Goes Home® Program of the National Fallen Firefighters Foundation designed to assist in the reduction of LODDs utilizing a series of case studies. Each study will include what happened, why it happened, what could have avoided it, were safety measures available and used, and how can we prevent this in the future. The benefit of this program is the review of cultural change or adaptive challenge, rather than just enacting a technical fix, which in most cases does not work. A great program for senior fire officers and administrative officers. This is learning from actual incidents!

Leadership So Everyone Goes Home is a four-hour program designed to assist the chief level officer to define the tools to identify:

1. Issues that could lead to a line of duty death or serious injury,
2. How the death/injury occurred,
3. How it could have been prevented,
4. What steps,
5. Should a fire department take to reduce the possibility of experiencing this action and outcome,

Reviewing the adaptive challenges facing emergency services today to create a safer environment. All learning utilizes real-world incidents to learn and adapt our actions so everyone does go home!

This program is specifically designed for the more senior level fire officers who have had opportunities to be command officers at a wide variety of emergency incidents, including fires and hazardous materials responses. Utilizing case studies the learning objectives become more real to life and the possibility of changing the organizational culture to reduce the possibility of deaths and injuries in the future.

Instructor(s): Rob Franklin

Instructor(s) BIO(s): Rob Franklin is a servant leader and has served as a chief officer since 2010. He has served as a Life Safety Advocate for the National Fallen Firefighters Foundation Everyone Goes Home® Program (EGH) since 2006, where he is one of the primary trainers, delivering programs to develop instructors for our Courage To Be Safe (CTBS) and Leadership, Accountability, Culture, and Knowledge (LACK) courses. Battalion Chief Franklin has facilitated numerous programs and presentations across the country, including the second LifeSafety Summit in Tampa in 2014. His career focus is firefighter health and safety, leadership, and professional development for his sister and brother firefighters across this nation.

PPE/Equipment Requirements: NONE

Student Prerequisites: NONE

EMT Hours: EMS/Fire Culture of Safety 2hrs. & Crew Resource Management 2hrs.

Class Limit: 28
Class #04-02 - Pump Operations
4hr. Class offered Fri. AM, Fri. PM, Sat. AM & Sat. PM

**Class Description:** This is an operations class for all levels from beginner to advanced. During the classroom portion of the class, students will learn why handlines and hose lays are pumped at designed pressures. They will learn how to react to emergency situations that happen on a fireground, such as a kinked or ruptured line. They will also learn how to figure friction loss. Students will be taught how to operate both electronic pressure governors and pressure relief valve type control systems. Students will then conduct hands-on training on a fire engine to see how to recognize situations that are happening on the hose lines. There will also be discussions on relay pumping, static and pressurized water supplies.

**Instructor(s):** Chris Noeldner

**Instructor(s) BIO(s):** Chris Noeldner is a career firefighter/paramedic in Watertown, SD. He has been there since 2001. He has been a volunteer firefighter in South Shore and in multiple departments in Texas before being hired in Watertown. He started training firefighters on pump operations in 2008. He has been a South Dakota, Minnesota and North Dakota instructor since the fall of 2008. Chris has been an instructor at various regional and state fire schools.

**PPE/Equipment Requirements:** NONE

<table>
<thead>
<tr>
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<tbody>
<tr>
<td><strong>EMT Hours:</strong> Ambulance/Fire Safety 2hrs. &amp; Crew Resource Management 2hrs.</td>
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<tr>
<td><strong>Class Limit:</strong> 12</td>
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Class #04-03 – Pipeline Emergencies
4hr. Class offered Fri. AM, Fri. PM & Sat. AM

**Class Description:** Helping you and your Fire Department to find out about pipelines in your jurisdiction. Helping you to know about the various types of pipelines in your state, and the characteristics of the products they transport. Introducing you to the S.D. Pipeline Association (SDPA), who are subject matter experts on the pipelines and the substances transported by them. Providing you with information about the importance of working a pipeline incident in a coordinated effort to ensure the best outcome for the people and property of your community.

**Instructor(s):** Paradigm Liaison Services

**Instructor(s) BIO(s):**

**PPE/Equipment Requirements:** NONE

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<th><strong>Student Prerequisites:</strong> NONE</th>
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<tbody>
<tr>
<td><strong>EMT Hours:</strong> EMS/Fire Culture of Safety 2hrs. &amp; Field Triage/Disasters/MCI 2hrs.</td>
</tr>
<tr>
<td><strong>Class Limit:</strong> 28</td>
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Class #04-04 – TBA

Class #04-05 – Officers Roundtable
4hr. Class offered Fri. AM & Fri. PM

Class Description: This class will focus on discussion on today’s hottest topics. Included will be recruit and/or retention, how to get that legislation passed, long and short range planning, and other topics firefighters want to discuss.

Instructor(s): Steve Willard

Instructor(s) BIO(s):

PPE/Equipment Requirements: NONE

Student Prerequisites: NONE

EMT Hours: Ambulance/Fire Research 4hrs.

Class Limit: 25

Class #04-06 – You’re The Training Officer-Now What?
4hr. Class offered Fri. AM, Fri. PM, Sat. AM & Sat. PM

Class Description: Whether you were promoted to the position, appointed by the chief, or elected, the Training Officer position is a critical one for a successful department not-to mention the safety of your firefighters. This class is designed to provide students with some basic tools and skills to coordinate training in a small department. Students will leave with sample training plans as well as a better idea on what it takes to be a successful Training Officer.

Instructor(s): Joe Mangin

Instructor(s) BIO(s): Joe started with the Casselton Volunteer Fire Department in 1995. He is currently the Training Captain, a position he has held for the past 15 years. In 1998, Joe became a career firefighter with the City of Fargo. He has held the position of firefighter, shift EMS instructor, Captain, Fire Training Captain, and is currently a Battalion Chief.

PPE/Equipment Requirements: NONE

Student Prerequisites: NONE

EMT Hours: Crew Resource Management 2hrs., EMS/Fire Culture of Safety 1hr. & EMS/Fire Provider Hygiene, Safety & Vaccinations 1hr.

Class Limit: 28
Class #04-08 – TIMS – Traffic Incident Management System
4hr. Class offered Fri. AM, Fri. PM

Class Description: Three injury crashes occur every minute in the United States, putting nearly 39,000 incident responders potentially in harm’s way every day. Congestion from these incidents often generates secondary crashes, further increasing traveler delay and frustration. The longer incident responders remain at the scene, the greater the risk they, and the traveling public, face. A cadre of well-trained responders helps improve traffic incident response. Better incident response improves the safety of responders and drivers, reduces crashes that occur because of incident-related congestion, decreases traffic delays caused by incidents, and can cut incident response time.

The National Traffic Incident Management Responder Training was created by responders for responders. This course provides first responders a shared understanding of the requirements for safe, quick clearance of traffic incident scenes; prompt, reliable and open communication; and motorist and responder safeguards. First responders learn how to operate more efficiently and collectively.

This training covers many TIM recommended procedures and techniques, including:
- TIM Fundamentals and Terminology
- Notification and Scene Size-Up
- Safe Vehicle Positioning
- Scene Safety
- Command Responsibilities
- Traffic Management
- Special Circumstances
- Clearance and Termination
- Telecommunicators

Instructor(s): Mark Enright

Instructor(s) BIO(s): Volunteer Firefighter since 1980, Rapid Valley VFD since 1986. 20-year career as an Auto/Truck repair technician. Fire Instructor since 1993. Full time Firefighter/Medic for Rapid City Fire Dept from 1993 to 2011; retired as Rapid City Fire Station 4 Captain. Directed Western Dakota Technical Institute's Fire Science Program from 2006 to 2012. Currently employed by Rapid City/Pennington County Emergency Management as a Training and Exercise Specialist.

Comments: FADO and EVOC have been my passion for decades. As a result of joining the Volunteer Fire Service, I encountered, Fire apparatus suffering from maintenance issues, trucks overweight and firefighters who drove fire trucks like their own personal vehicle or drove them like a race car. I saw the need for change through education.

PPE/Equipment Requirements: NONE

Student Prerequisites: It is recommended that you take the following courses offered by FEMA:

IS 700 - National Management System (NIMS), An Introduction, ICS 100 - Introduction to Incident Command System (ICS), ICS 200 - ICS for Single Resources and Initial Action Incidents

EMT Hours: Ambulance/Fire Safety .5hr, EMS/Fire Culture of Safety .5hr, Crew Resource Management 1hr. & Emergency Vehicle Operations 2hrs.

Class Limit: 28
Class #04-09 – Thermal Imaging
4hr. Class offered Fri. AM, Fri. PM, Sat. AM & Sat. PM

Class Description: This training program will allow participants to understand the theory of operation of their department's thermal imaging camera. The training will cover the history and theory of thermal imaging, as well as cover over 15 different uses for thermal imaging cameras. This allows participants to immediately return to their departments, and utilize this tool in new ways on fires, search and rescue incidents, hazmat calls as well as training evolutions. Through a combination of classroom, hands-on and live fire burn box training, students will better understand how to use this critical fire service tool. Training complies with and meets requirements of NFPA 1407 Standard for Fire Service Fire Instructors and covers all uses contained in NFPA 1801 Standard for Fire Service Thermal Imagers.

Instructor(s): Andrew Beck & Devon Beehler

Instructor(s) BIO(s): Andrew Beck is the Training Officer for the Mandan City Fire Department in Mandan, ND, managing the training program including live fire operations. Andrew teaches thermal imaging with Tactical Thermal Training around ND and SD. He also works on the program staff for the Firefighter Near Miss Reporting System of the IAFC. Before moving to structural fire, Andrew worked in wildland fire from 2002-2006 for the US Fish & Wildlife Service, and US Forest Service. Andrew lives in Mandan, ND with his wife Ashleigh, and their four kids.

Devon Beehler is the Assistant Fire Training Officer for the Mandan City Fire Department. Devon previously worked for Minot, ND Fire Department prior to coming to Mandan. Devon assists with all aspects of training program management and instructing. Devon teaches with Tactical Thermal Training and has been an instructor at ND State Fire School for over five years. Devon lives in Mandan, ND

PPE/Equipment Requirements: NONE

Student Prerequisites:


Class Limit: 25

Class #04-10 – Drone Operations in Public Safety
4hr. Class offered Sat. AM, Sat. PM

Class Description: UAV’s, Drones, UAS (Public Perception and Brief History). Class will consist of a short 1-2hr. classroom session followed by some hand-on flight activity. Class will cover current state of regulations, technology and how Drones can be used in the Fire Service.

Instructor(s): Tom Simmons

Instructor(s) BIO(s): Aerial Horizons Commercial Drone Systems About us: Our company is focused on providing departments with an aerial platform that can make operations safer, and more efficient. Providing not only the best equipment, but the FAA training to make any department comfortable operating a drone system.

PPE/Equipment Requirements: NONE

Student Prerequisites: NONE


Class Limit: 28
Class #04-11 – Cancer Awareness for Firefighters
4hr. Class offered Fri. AM, Fri. PM, Sat. AM & Sat. PM

Class Description: Class will discuss the topic of cancer and firefighters. What can we do to help prevent cancer, types of cancer, washing your gear and national resources available to firefighters. This is a class for awareness and prevention for firefighters. When taught we will give ideas to help firefighters not receive a cancer diagnosis, give chief officer the tools to implement policy change to help protect firefighters.

Instructor(s): Jason White

Instructor(s) BIO(s): Chief Jason White has been in the fire service for 18 years. He is the Chief of North Haines VFD in Rapid City SD. He serves as the president of the Pennington County Fire Chiefs. He is the state director of South Dakota for the Fire Fighter Cancer Support Network.

PPE/Equipment Requirements: NONE

Student Prerequisites: NONE

EMT Hours: EMS/Fire Culture of Safety 1hr., EMS/Fire Research 1hr., Crew Resource Management 1hr. & EMS/Fire Provider Hygiene, Safety & Vaccinations 1hr.

Class Limit: 28
8hr. Class Offerings (classes are 1 full day in length, check class details to see what days are available)

Class #08-01 – Entry Level Search & SCBA Confidence Course
8hr. Class offered Fri. & Sat.

Class Description: This class is designed to help build confidence with SCBA usage. This class will benefit entry level firefighters as well as a seasoned veteran. Students will be using many different training props throughout this course. Upon completion of this class, students will walk away an increased level of SCBA usage.

Instructor(s): Mike Erickson with Fort Pierre Fire Dept.

Instructor(s) BIO(s): Mike is a full-time insurance adjuster for North Star Mutual Insurance. He serves as a volunteer firefighter in Fort Pierre and is a representative to the National Fallen Firefighters Foundations. Mike also served as a Deputy State Fire Marshal/Training Coordinator with the South Dakota State Fire Marshal’s Office

PPE/Equipment Requirements: Full structural turnout gear and SCBA, spare cylinders recommended

Student Prerequisites: NONE

EMT Hours: Ambulance/Fire Safety 2hrs, EMS/Fire Culture of Safety 2hrs., Oxygenation 2hrs & EMS/Fire Provider Hygiene, Safety & Vaccinations 2hrs.

Class Limit: 20

Class #08-02 – Auto Extrication
8hr. Class offered Fri. & Sat.

Class Description: Class will cover basic-advanced vehicle extrication using struts, cribbing, hand tools and hydraulic tools.

Instructor(s): Karter Lesmann & Associates

Instructor(s) BIO(s): Fire Chief in Burlington, ND for 9 years. FF1 & FF2 Certified. Courage to Be Safe Instructor, Extrication, Big Rig, Haz-Mat Ops and State Certification Tester.

PPE/Equipment Requirements: Full Structural or Extrication PPE with Eye Protection

Student Prerequisites: NONE


Class Limit: 28
Class #08-03 – Trench Rescue – Are You Ready?
8hr. Class offered Fri. & Sat.

Class Description: This class will be mostly hands-on class with a brief classroom portion that will show what goes on at a trench incident. We will cover anatomy of a trench, identify type of collapse, scene size-up, scene management, incident stabilization, and victim rescue.

Instructor(s): Levi Denton; Jake Jorgenson; Chaz Fondren

Instructor(s) BIO(s): Levi is a 14-year firefighter for Rapid City Fire Dept. Levi is also a Rescue specialist with the South Dakota Task Force-1 and is trained to the technician level in: Rope Rescue, Confined Space, Trench Rescue, Structural Collapse and Extrication.

Chaz is a 9-year firefighter Paramedic for Rapid City Fire Dept. Chaz is also a Rescue specialist with the South Dakota Task Force-1 and is trained to the technician level in: Rope Rescue, Confined Space, Trench Rescue, Structural Collapse and Extrication.

Jake is a 9-year firefighter Paramedic for Watertown Fire Rescue. Jake is also a Rescue specialist with the South Dakota Task Force-1 and is trained to the technician level in: Rope Rescue, Confined Space, Trench Rescue, Structural Collapse and HazMat.

PPE/Equipment Requirements: NFPA helmet certified for structural or rescue; leather work gloves; safety toe boots (fire boots) long sleeve shirt; heavy duty pants (jean or similar pants); ANSI rated eye protection; hearing protection. Dress for the weather and be prepared for the possibility of water and mud in the bottom of the trench.

Student Prerequisites: NONE

EMT Hours: Field Triage/Disasters/MCI 2hrs., Trauma Triage 2hrs.

Class Limit: 20

Class #08-04 - Flashover Simulator/Live Fire Training
8hr. Class offered Fri. & Sat.

Class Description: This trailer lets the firefighter witness the awesome life cycle of an unfriendly fire from ignition to flashover. Learn to recognize the conditions leading to Flashover—how it happens, how to recognize the rapidly developing fire, dense smoke, high heat, and rollover which are all present in the unit. Learn to use defensive techniques. Who would send a Firefighter to face a situation in the real world that he has not seen in training? – Students must be competent in nozzle operation and SCBA usage.

Instructor(s): Customized Firefighter Training

Instructor(s) BIO(s): Customized Firefighter Training Inc. was established in 1998. Founder, Jim Carpenter was seeing a need to give quality hands on training that comes to the department. Carpenter is a 30-year veteran of the fire service. His company now travels to 5 states performing classes on interior attack and Flashover recognition along with a wide range of topics. All our staff is seasoned Firefighters that have or are rising through the ranks in both volunteer and career fire departments. Most of them have been with us for 10 years or more. We pride ourselves in trying to have the most up to date training, taught in a thought provoking and interactive class with real life hands on training.

PPE/Equipment Requirements: Full Structural PPE and SCBA, spare SCBA cylinder recommended

Student Prerequisites: Students must be competent in nozzle operation and SCBA usage.


Class Limit: 30
Class #08-05 – Structure Live Burn Simulator/Live Fire Training
8hr. Class offered Fri. & Sat.

Class Description: This trailer is a fire attack simulator. It simulates a small house fire with propane burners and the use of class A materials. You will spend time in classroom discussing vital lifesaving topics such as: Modern Fire Dynamics from the latest NIST and UL studies, Transitional Attack, and S.L.I.C.E.R.S. Instructors will utilize the most current research to assist in developing basic fire attack skills. Participants will then witness this training in action by entering Customized Firefighter Trainings live fire trailer. Full Structural PPE and SCBA Required, spare cylinder recommended. Students must be competent in hand line and nozzle operation and SCBA usage.

Instructor(s): Customized Firefighter Training

Instructor(s) BIO(s): Customized Firefighter Training Inc. was established in 1998. Founder, Jim Carpenter was seeing a need to give quality hands on training that comes to the department. Carpenter is a 30-year veteran of the fire service. His company now travels to 5 states performing classes on interior attack and Flashover recognition along with a wide range of topics. All our staff is seasoned Firefighters that have or are rising through the ranks in both volunteer and career fire departments. Most of them have been with us for 10 years or more. We pride ourselves in trying to have the most up to date training, taught in a thought provoking and interactive class with real life hands on training.

PPE/Equipment Requirements: Full Structural PPE and SCBA, spare Cylinder Recommended

Student Prerequisites: Students must be competent in nozzle operation and SCBA usage.


Class Limit: 30

Class #08-06 – High Angle/Low Angle Rope Rescue Awareness/Operations
8hr. Class offered Fri. & Sat.

Class Description: Basic rope rescue skills involving vertical and horizontal movements. This will include skill development in knots, anchors, mechanical advantage systems., belay techniques, patient packing and rappelling. The final scenario will be a rescue from a 45 ft. grain bin.

Instructor(s): Josh Smith & Randy Wold


PPE/Equipment Requirements: Helmet, Boots & Gloves and long pants (NO SHORTS)

Student Prerequisites: NONE

EMT Hours: EMS/Fire Culture of Safety 2hrs., Field Triage/Disasters/MCI 4hrs. & EMS/Fire Provider Hygiene, Safety & Vaccinations 2hrs

Class Limit: 20
Class #08-07 – Rules of Engagement
8hr. Class offered Fri. & Sat.

Class Description: This class looks at various methods of attacking fires and providing or not providing ventilation in support of the initial fire attack and property conservation. At the completion of this class the participant will have necessary skills and abilities to determine if Positive Pressure Attack is a viable option and how to implement such an attack. Data from various sources including NIST will be referenced.

Instructor(s): Kriss Garcia

Instructor(s) BIO(s): Kriss is currently the retired Fire Chief of American Fork Fire/Rescue. Kriss retired as a Battalion Chief for Salt Lake City Fire Department where he worked for 27 years. Kriss is an instructor for the Nation Fire Academy as well as a voting member of the Air Movement Control Association standard review committee. Kriss is a Utah licensed General Engineering Contractor and former member of NFPA 1021 Technical Committee. Kriss has an Associate Degree in Pre-hospital Paramedic care as well as bachelor degrees in Public Administration and Education. Kriss has published several articles in several national and international fire periodicals and has a bestseller book on Positive Pressure Attack published by Penwell.

PPE/Equipment Requirements: NONE

Student Prerequisites: NONE

EMT Hours: Evidence Based Guidelines 4hrs. & EMS/Fire Research 4hrs.

Class Limit: 28

Class #08-08 – EVOC (Emergency Vehicle Operations Course)
8hr. Class offered Sat.

Class Description: Course will consist of classroom presentation followed by hands-on practice and training.

Instructor(s): Brad Georgeson

Instructor(s) BIO(s): I’ve been with Hurley Volunteer Fire Department since 1999, been Chief since 2009. Also been the emergency manager for Turner County staring in 2013. Currently president of the Turner County Emergency Services Association. Also, a volunteer on Parker Ambulance. I can’t remember how long I’ve been an Instructor for, but for several years though.

PPE/Equipment Requirements: NONE

Student Prerequisites: NONE

EMT Hours: Ambulance/Fire Safety .5hr, EMS/Fire Culture of Safety .5hr., Crew Resource Management 1hr & Emergency Vehicle Operations 6hrs.

Class Limit: 24
Class #08-09 – Commanding the Box
8hr. Class offered Fri. & Sat.

Class Description: This class is intended for the entry level individual that might have to manage a scene but can be utilized by any initial arriving company to help manage the first 20 minutes of any incident. Utilizing the “Box” method allows you to keep organized, maintain span of control and transition from small to large incidents and back again. The first half of the day is the classroom application, and the second half consists of practical based applications in a group setting. If you have ever worried about managing a scene this is the class for you. We break it down into its simplest form and build it back up, which allow the individual to gain the confidence they need to get the incident started on the right path.

Instructor(s): Div. Chief Nick Carlson Rapid City Fire Department & Jeremy Walla Fire Chief Whispering Pines VFD

Instructor(s) BIO(s): Nick Carlson – Nick is the Division Chief of Fire Operations with the Rapid City Fire Department and has the responsibilities of overseeing the fire operations side, budgeting, long range planning, response protocol, staffing implementation, equipment procurement, training etc. He has served as a Lt in the Education Division, Lt and Captain in Operations, and as an Acting Battalion Chief. He is also with the North Haines Vol. Fire Department, serves on the Penn Co Fire Service Board, is Treasurer for the Pennington Co Fire Chiefs Board, and is the West River Representative for the SD Fire Chiefs. He has been with the Rapid City Fire Department for 22 yrs. Chief Carlson is a Paramedic, has an Associate Degree in Fire Science and is currently working on his Bachelor Degree in Fire Service Administration. He has completed the Command and Control curriculum from the National Fire Academy as well as the National Fire Academy Training Program Management and Course Design.

Jeremy Walla - As a “working” Fire Chief I can see myself as still the student, still the nozzleman. I have a firm belief that Firefighting is a trade, a lifelong learning environment, and I suppose that is why I have been doing it for the last 17 years. I have witnessed some very well-run incidents and some well...say less than desirable ones as well. Sure, I have had those moments where decisions need to be made and I’ve made them good, bad or ugly, But the number one thing Firefighting has taught me is we all need to keep learning. I have a passion and love for the job that is hard to describe. More of a calling as cliché as it sounds. From the very first time stepping into a Fire Station as a young man in High School to do a ride along program to today commanding incidents and traveling the country in support of large all hazard incidents. I worked my way from Firefighter 1&2, FADO, Rescue Tech, State Certified Officer, Instructor, Pro Board-Certified Officer 1, Type 3 Logistics Section Chief - Type 2 trainee and a few others I have found a need to teach what I have learned and to gain knowledge through the process of teaching those skills. To see the ah ha moment in a student’s eyes or come across them at a scene and watch them work or even just chatting about a great save they had due to something they learned in a class of mine is priceless.

PPE/Equipment Requirements: NONE

Student Prerequisites: NONE

EMT Hours: Crew Resource Management 4hrs. & Field Triage/Disasters/MCI 4hrs.

Class Limit: 28
Class #08-10 – Modern Fire Attack in Urban & Rural Settings
8hr. Class offered Fri. & Sat.

Class Description: This course is an informational discussion of the “New” fire chemistry, a review of hostile fire events, descriptions of the on-going NIST/UL studies, and the attack methodology that can be used to solve the problems that arise in rural and urban settings. The class is designed to encourage a debate on how modern fire attack methodology can fit into the rural and city environments of greater Minnesota. Focus will be placed on water supply and the first 10 minutes of on-scene actions at a working structure fire. This offering is for any rank within the fire service that deals with suppression duties, especially interior attack and command officers. The overall focus of this class is to show the need for fire ground commanders to re-evaluate what tactics are being used by their personnel during initial attack operations. This course meets components of the NFPA 1021 Standard.

Instructor(s): David Radtke

Instructor(s) BIO(s): Dave is a southern Minnesota native, being born and raised in the Minnesota Lake area. Dave is a fulltime EHS manager with over 10 years of experience in the EHS arena working for companies such as American Crystal Sugar Company in the Red River valley of Minnesota and North Dakota as well as Pinnacle Foods- Birds Eye Division. Dave has a background in training and emergency response and is an active volunteer firefighter, celebrating his 15th year of service. Prior to becoming a EHS Manager Dave worked fulltime in Emergency Medical services for North Ambulance and Allina Health EMS with a combined tenure of over ten years of ALS care. Dave is an adjunct instructor with Minnesota State Colleges and Universities-MNSCU, instructing in Fire/Rescue, EMS, OSHA, and MSHA. Dave is passionate on training his fellow firefighters on solid tactics and strategies to ensure the an aggressive, safe outcome for all involved.

PPE/Equipment Requirements: NONE

Student Prerequisites: NONE

EMT Hours: Evidence Based Guidelines 4hrs. & EMS/Fire Research 4hrs.

Class Limit: 28

Class #08-11 – Small Engine Maintenance, Repair & Troubleshooting
8hr. Class offered Fri. & Sat.

Class Description: Participants will understand the inner workings of a 4 Cycle and 2 Cycle Gasoline engine as well as basic troubleshooting procedures. Does your department have a small engine that isn't running at 100%? Here is your chance to understand how you can troubleshoot and possibly repair your engine. If you have a small engine that isn't running properly bring it with you, if class time permits the opportunity to fix it in class may be possible.

Instructor(s): Gregory Koch - MTI Staff

Instructor(s) BIO(s): Gregory has 24 years of experience on small to heavy engine repair, diagnosis and troubleshooting and currently instructs at MTI

PPE/Equipment Requirements: Safety Glasses

Student Prerequisites: NONE

EMT Hours: NO

Class Limit: 16
Class #08-12 – Tactical Medicine/Triage for First Responders
8hr. Class offered Fri. & Sat.

**Class Description:** The 8-Hour Tactical Medical Response will include presentations on the variety of medical needs in response of penetrating trauma. We will review the medical needs of a patient with a variety of penetrating trauma wounds. We will discuss the variety of equipment available to providers for tactical medicine. We will complete the class with a variety of hands-on stations including tourniquet use, wound packing and patient carrying devices. Please make sure to wear comfortable clothing that you do not mind if they get a couple of stains as the training props use a simulated blood that may stain.

**Instructor(s):** Amy Marsh, MBA, NRP

**Instructor(s) BIO(s):** Amy has been a member of Sioux Falls Fire Rescue since 2012 as an EMS Educator. Prior to that she worked as the Program Coordinator for SD EMS for Children. Amy is a Nationally Registered Paramedic and also completed a Masters of Business Administration with an emphasis on Healthcare Administration. She currently is training center faculty for BLS, ACLS and PALS. She has is affiliate faculty for PHTLS, TCCC and TECC through the National Association of EMTs. Amy loves to provide education across the region in EMS and more specifically medical response in a disaster.

**PPE/Equipment Requirements:** Please make sure to wear comfortable clothing that you do not mind if they get a couple of stains as the training props use a simulated blood that may stain.

**Student Prerequisites:** NONE

**EMT Hours:** Trauma Triage 2hrs., Field Triage/Disasters/MCI 4hrs., Hemorrhage Control 1hr & Airway & Ventilation 1hr.

**Class Limit:** 25

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Class #08-13 – Bovine Emergency Response Plan
8hr. Class offered Fri. & Sat.

**Class Description:** The Bovine Emergency Response Plan (BERP) Training for first responders is a one-day course that includes an overview of response and issues present in incidents involving bovines and other large animals. The course was developed by industry leaders in large animal handling, husbandry, and emergency response from across the United States. Lectures include background and response actions, biosecurity, proper animal care and handling, animal triage, humane euthanasia, mortality handling and disposal; hands-on training provides practicum in animal handling, euthanasia, and triage and containment. The curriculum is tested and has been approved for continuing education credits or hours by law enforcement, EMS, emergency management and veterinarians.

**Instructor(s):** Heidi Carroll and Staff

**Instructor(s) BIO(s):** Team of instructors includes, Lisa Peterson, Adele Harty, Robin Salverson, and a State Veterinarian, as Extension professionals from South Dakota State University and North Dakota State University with expertise in beef cattle and other livestock species along with a veterinarian from the South Dakota Animal Industry Board

**PPE/Equipment Requirements:** What PPE is required? Closed-toed shoes/boots recommended. Ear plugs will be available by Heidi Carroll during the euthanasia practicum if participants would like to use them.

**Student Prerequisites:** NONE

**EMT Hours:** NO

**Class Limit:** 28
Class #08-14 – Responding to Aircraft Emergencies for Small & Rural Departments
8hr. Class offered Fri. & Sat.

**Class Description:** This class will discuss how to deal with aircraft emergencies in small towns and rural settings. You will go over aircraft familiarization and hazards, types of agents to use, patient extrication and remove, triage, and overall response procedures of how to deal with an aircraft emergency.

**Instructor(s):** Cory Hoffrogge

**Instructor(s) BIO(s):** Cory is a 22-year member of the Pierre Fire Department. Five years as the Deputy Chief and 15 years as the ARFF Coordinator for the Pierre Regional Airport.

**PPE/Equipment Requirements:**

**Student Prerequisites:** NONE

**EMT Hours:** NO

**Class Limit:** 28

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16hr. Class Offerings (classes are 2 days in length and will run all day Fri. & Sat.)

Class #16-01 – SD Certified Fire Instructors Course
16hr. Class

**Class Description:** The South Dakota Certified Fire Instructor course prepares future instructors to train members of their own organization as well as traveling to other departments. This course begins with pre-course work at home, plus one weekend of classroom study and presentations.

**Instructor(s):** SD Fire Marshal Staff

**Instructor(s) BIO(s):**

**PPE/Equipment Requirements:** NONE

**Student Prerequisites:** The candidate(s) must be nominated in writing or email by their Fire Chief, to the Fire Marshal’s Office by April 22, 2019.

The candidate(s) must have been a member of a fire department for at least five years.

The candidate(s) must have passed the Certified Firefighter Course with at least an 80% on both written tests. (Test results will be verified by the Pierre Office.)

Pre-Course work must be completed prior to attending the class.

**EMT Hours:** Ambulance/Fire Safety 2hrs., Crew Resource Management 4hrs., EMS/Fire Provider Hygiene, Safety & Vaccinations 2hrs., Evidence Based Guidelines 4hrs. & EMS/Fire Research 4hrs.

**Class Limit:** 21
Class #16-02 – Structural Firefighting Essentials 101 – Hands On Training/Live Fire Training
16 hr. Class

Class Description: This will be a great class for new firefighters and those that have not completed FF Certification Training. This class will be an almost entirely hands on class covering essential firefighting skills starting with donning and doffing PPE and SCBA. Students will work in SCBA through various skill stations in order to learn how to function effectively. Students will work with ladders, ventilation techniques, victim rescue techniques, auto extrication and hose/nozzle work. The class will involve Live Fire Training in addition to all of the above. This class is designed to fulfill the practical stations of Fire Fighter Certification on the yellow training card. Students should have some familiarity with their PPE and SCBA, but do not need proficiency, as that is part of the purpose of this hands-on session. This class is intended for beginning firefighters and those in their first few years. Everyone is welcome, the experienced firefighter coming along to help the new people on the department especially. Practical testing for the Certified Firefighter Program will also be provided.

Instructor(s): Platte Volunteer Fire Department MLFTU Cadre

Instructor(s) BIO(s):

PPE/Equipment Requirements: Full Structural PPE and SCBA, spare SCBA cylinders recommended

Student Prerequisites: Students must be 19 years old and be in good physical condition. Students should expect physically demanding days

EMT Hours: Crew Resource Management 2hrs, EMS/Fire Provider Hygiene, Safety & Vaccinations 6hrs., Field Triage/Disasters/MCI 4hrs. & Trauma Triage 4hrs.

Class Limit: 24
Class #16-03 – NFA - New Fire Chief: Challenging Issues
16hr. Class

Class Description: This two-day course is designed to develop the managerial, administrative and leadership skills necessary for the first-time fire chief and chief officer who desire a leadership position in their department. This course addresses critical knowledge and skills pertaining to the responsibilities of a fire chief including such topics as local politics and the role of the chief officer, liability and risk management, resources and items of knowledge needed to become a first-time leader in a new position in their agency.

The primary audience is the new fire chief in volunteer or combination departments. The secondary audience includes new career fire chiefs in large departments, department leader who may become fire chiefs, and local government administrators and elected official who are involved in the administration of a fire department.

Objectives: Explain the fire chiefs’ scope of duties. Explain how a successful fire chief navigates the local political environment to effectively influence public policy. Explain the fire chief’s role in identifying and minimizing the legal liabilities of the fire department jurisdiction. Describe resources available to them in the performance of their official duties.

Instructor(s): NFA Cadre Instructor

Instructor(s) BIO(s):

PPE/Equipment Requirements: NONE

Student Prerequisites: NONE


Class Limit: 28
Class #16-04 – When Seconds Matter
16hr. Class

SPECIAL NOTE: Due to the hands-on nature of this class and time constraints students in this class will be provided a box lunch on SATURDAY as lunch break will be short. There is no additional cost to the student for the provided lunch. Please note this provided lunch is only on SATURDAY, if you wish to eat on campus on Friday you must select that in your registration.

Class Description: This 16-hour course is a fast-paced learning experience that prepares firefighters of all ranks for the initial stages of a structure fire. From the chief officers to the newest firefighters, participants will walk away with a strong understanding of several essential tasks that take place in the first 10 minutes of a structure fire. The first day will be spent in the classroom taking an in depth look at incident size-up, hose placement and advancement, forcible entry, ventilation, and primary search. Day 2 will build on the classroom learning with hands on training of the topics discussed on day 1, as well as, scenario-based training. Participants need to bring a good attitude and be ready to perform the hard work that accompanies arriving first due to a structure fire. Don’t forget to bring structural firefighting PPE including SCBA.

Instructor(s): Pheasant Country F.O.O.L.S.

Instructor(s) BIO(s): Pheasant Country Fraternal Order of Leatherheads Society (F.O.O.L.S) are a group of local firefighters that have a passion for not only the camaraderie and brotherhood that is forged between firefighters, but the rich tradition and heritage of the Fire Service. The F.O.O.L.S. also believe in providing real fire training for real firefighters. We believe that it is our duty to be as well trained as we possibly can. This can only keep us, and our brothers and sisters safe on the fire ground. We owe it to ourselves, our brothers and sisters, their families, and to the citizens we protect.

PPE/Equipment Requirements: Full Structural PPE and SCBA, spare SCBA cylinders recommended

Student Prerequisites:

EMT Hours: Ambulance/Fire Safety 2hrs., Crew Resource Management 4hrs., EMS/Fire Provider Hygiene, Safety & Vaccinations 2hrs., Evidence Based Guidelines 4hrs. & EMS/Fire Research 4hrs

Class Limit: 30
Class #16-06 – Pastoral Crisis Intervention
16hr. Class offered Fri. & Sat.

Class Description: Pastoral Crisis Intervention may be thought of as the combination of faith-based resources with traditional techniques of crisis intervention. Pastoral crisis intervention represents a powerful addition to traditional community and organizational psychological support resources. The purpose of this two-day course is to assist the participants in learning how pastoral interventions and traditional psychological crisis interventions may be effectively integrated. Chaplains, pastoral counselors, mental health professionals, ministers, and anyone interested in the use of faith-based resources in healing should find this course of interest.

Program Highlights

- Nature of human crisis
- Nature of crisis intervention
- Critical Incident Stress Management (CISM)
- Signs and symptoms of the crisis state
- The "crisis of faith"
- Criteria for psychological triage
- Strategic SAFER-PCI Model
- Common PCI Mistakes
- Challenging PCIs

Instructor(s): National Fire Chaplains

Instructor(s) BIO(s):

PPE/Equipment Requirements:

Student Prerequisites: NONE


Class Limit: 28