



STATE OF MICHIGAN
 DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
 LANSING

GRETCHEN WHITMER
 GOVERNOR

ORLENE HAWKS
 DIRECTOR

AGENDA
MICHIGAN FIRE FIGHTERS TRAINING COUNCIL REGULAR MEETING

Lansing Community College – West Campus, Room W157
 5708 Cornerstone Drive, Lansing, MI 48917
 August 13, 2019 / 1:30 p.m.

- I. Call to Order and Determination of Quorum Chairperson Tackett
- II. Approval of Agenda Chairperson Tackett
- III. Approval of Minutes: June 11, 2019 Special Meeting Chairperson Tackett
 June 11, 2019 Regular Meeting
- IV. Communications Chairperson Tackett
- V. State Fire Marshal’s Report Fire Marshal Sehlmeier
- VI. Curriculum Work Group Report Councilperson Blomstrom
- VII. Old Business Councilperson Blomstrom
 - a. Clarification on Driver Training Process Fire Marshal Sehlmeier
 - b. Course Hours on Certificates Fire Marshal Sehlmeier
- VIII. New Business Fire Marshal Sehlmeier
 - a. Inactivate Non-Supported NFA Courses Fire Marshal Sehlmeier
 - b. NFA Course Approvals Fire Marshal Sehlmeier
 - c. Train-the-Trainer Courses Fire Marshal Sehlmeier
 - d. Fireworks Safety Funding After August 15, 2019 Fire Marshal Sehlmeier
 - e. Funding for Equipment Fire Marshal Sehlmeier
 - f. FY20 Discussion/Overview Chairperson Tackett
 - g. Iosco County Non-Traditional FF I & II Curriculum Dan Hammerberg
 - h. Q Course Applications:
 - 1. When Seconds Count, We Count Seconds Nathan Furton
 - 2. Community Risk Reduction – A Primer Larry Morabito
 - 3. Community Outreach for the Fire Officer Kyle Svoboda
 - 4. Hazardous Materials Operations Level 8-Hour Refresher Lt. Michele Sosinski
 - 5. First Annual Michigan Hazmat Responder Conference Lt. Michele Sosinski
- IX. Public Comment
- X. Council Comment
- XI. Instructor Investigation – Fire Marshal’s Recommendation Fire Marshal Sehlmeier
- XII. Adjournment Chairperson Tackett



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MINUTES
MICHIGAN FIRE FIGHTERS TRAINING COUNCIL SPECIAL MEETING
WORK SESSION - RULES

Bureau of Fire Services – Conference Room B
3101 Technology Blvd., Suite H, Lansing, MI 48910
Tuesday, June 11, 2019
9:00 a.m.

MEMBERS PRESENT:

Chad Tackett, Chairperson, Michigan Association of Fire Chiefs
Brian Blomstrom, Vice Chair, Michigan Fire Service Instructors Association
Alan Styles, Michigan Association of Fire Chiefs
Lynnae White, Michigan Fire Inspectors Society
Terrance Blackmer, Michigan State Firemen's Association (via conference call until 10:00 a.m. and in person after)
Greg Janik, Michigan Municipal League
Jacob Steichen, Nominee of the State Fire Marshal
Aileen Pettinger, Michigan Professional Firefighters Union
Kevin Sehlmeier, State Fire Marshal, Ex-officio Member

MEMBERS ABSENT:

None

BUREAU OF FIRE SERVICES STAFF PRESENT:

Hollie Metts, Assistant to the State Fire Marshal/Recording Secretary
TJ Richardson, Region 2 Coordinator

OTHERS IN ATTENDANCE:

Liz Arasim, LARA Office of Policy and Legislative Affairs
Chris Mantels, Saugatuck Township Fire District
Josh Mosher, Midland Fire Department
Mark Cleveland, Muskegon County
Chris VanLoo, Saginaw Fire Department
Dave Glotzbach, Michigan Association of Fire Chiefs
Ryan Kept, St. Clair Shores Fire Department
Greg Flynn, West Bloomfield Fire Department
Jim Fisher, Gerrish Township Fire Department
Chris Stoecklein, Canton Fire Department
Josh Meier, Canton Fire Department
Steve Perna, Warren Fire Department

I. CALL TO ORDER AND DETERMINATION OF QUORUM:

Chairperson Tackett called the special meeting/work session to order at 9:25 a.m. A quorum was determined present.

II. REVIEW AND APPROVAL OF AGENDA:

19-6-01

A **MOTION** was made by **Councilperson Blomstrom** and seconded by **Councilperson Styles** to approve the special meeting agenda for June 11, 2019. **MOTION CARRIED.**

III. NEW BUSINESS:

- a. **Fire Fighter Training Council General Rules Update:** A revised draft of the Fire Fighter Training Council General Rules was provided to the council for review. The strike-bold document had been updated to reflect the revisions discussed at the special meeting/work session on May 15, 2019. Since the last meeting, Liz Arasim with the LARA Office of Policy and Legislative Affairs and Councilperson White also cleaned up the document for the council's review on June 11, 2019.

The council reviewed the draft while Region Coordinator TJ Richardson made changes to the document per the current discussion. The discussion included a review of the general provisions, classifications for firefighters, reciprocity to include whether IFSAC or ProBoard certifications can be accepted.

The topic of reciprocity will be discussed more in depth at another meeting. Hollie Metts will look into setting up another work session before the regular meeting in August.

IV. PUBLIC COMMENT:

Chris Mantels, Saugatuck Township Fire District: Shared that he is interested to hear further from the council on the topic of reciprocity, especially out of state reciprocity. He added that in-state classes may not always work the best for scheduling and availability.

Ryan Kept, St. Clair Shores Fire Department: Echoed Deputy Chief Mantels comments regarding out of state reciprocity and doesn't feel it will undermine the State of Michigan's authority. As an employer, he added that out of state reciprocity may expand the candidate pool for filling vacant positions.

Greg Flynn, West Bloomfield Fire Department: Shared that he appreciates the work the council is doing on the rules. He understands it is not an easy process and found the work session to be very informative.

V. COUNCIL COMMENT:

Councilperson Blomstrom: None.

Councilperson Styles: None.

Councilperson White: None.

Councilperson Blackmer: None.

Councilperson Janik: None.

Councilperson Steichen: Thanked all in attendance for coming to the meeting and for their input.

Councilperson Pettinger: None.

Fire Marshal Sehlmeier: The Fire Marshal also thanked the attendees for coming to the meeting and bureau staff for their work to prepare for the meeting. The Fire Marshal appreciates the council coming together today for the work session.

Chairperson Tackett: Advised that we will look into scheduling another work session in early August. He would also like to discuss having a deadline to vote on our draft before moving to the next step in the administrative rules process.

VI. ADJOURNMENT:

19-6-02

A **MOTION** was made **Councilperson Steichen** and seconded by **Councilperson Blomstrom** to adjourn the special meeting. **MOTION CARRIED.** The meeting adjourned at 12:27 p.m.

APPROVED:

Chairperson Tackett

Councilmember



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MINUTES
MICHIGAN FIRE FIGHTERS TRAINING COUNCIL REGULAR MEETING

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MEMBERS PRESENT:

Chad Tackett, Chairperson, Michigan Association of Fire Chiefs
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Alan Styles, Michigan Association of Fire Chiefs
Lynnae White, Michigan Fire Inspectors Society
Terrance Blackmer, Michigan State Firemen's Association
Greg Janik, Michigan Municipal League
Jacob Steichen, Nominee of the State Fire Marshal
Aileen Pettinger, Michigan Professional Firefighters Union
Kevin Sehlmeier, State Fire Marshal, Ex-officio Member

MEMBERS ABSENT:

None

BUREAU OF FIRE SERVICES STAFF PRESENT:

Hollie Metts, Assistant to the State Fire Marshal/Recording Secretary
TJ Richardson, Region 2 Coordinator

OTHERS IN ATTENDANCE:

Chris Mantels, Saugatuck Township Fire District
Josh Mosher, Midland Fire Department
Mark Cleveland, Muskegon County
Chris VanLoo, Saginaw Fire Department
Dave Glotzbach, Michigan Association of Fire Chiefs
Ryan Kept, St. Clair Shores Fire Department
Greg Flynn, West Bloomfield Fire Department
Liam Carroll, Schoolcraft College
Dan Reynolds, Macomb Community College
Matt Majestic, Oakland Community College
John Cieslik, Michigan Urban Search and Rescue
Scott Tobey, ERS International
Kurt Corral, Bay City Department of Public Safety
John Brophy, Saginaw Township Fire Department
Tim Baker, Lansing Community College
Andre Doser, Battle Creek Fire Department
Steve Perna, Warren Fire Department
Jeff Slayton, Calhoun County

I. CALL TO ORDER AND DETERMINATION OF QUORUM:

Chairperson Tackett called the regular meeting to order at 1:30 p.m. A quorum was determined present. Chairperson Tackett asked all in attendance to observe a moment of silence for the off-duty firefighters from the Lansing Fire Department that were injured in a motorcycle accident in Muskegon County over the past weekend.

II. REVIEW AND APPROVAL OF AGENDA:

19-6-03

A **MOTION** was made by **Councilperson Styles** and seconded by **Councilperson Janik** to approve the regular meeting agenda for June 11, 2019, as presented. **MOTION CARRIED.**

III. APPROVAL OF MINUTES:

Chairperson Tackett advised that two spelling errors were corrected during the break. Revised copies of the draft minutes were provided.

19-6-04

A **MOTION** was made by **Councilperson Blomstrom** and seconded by **Councilperson Blackmer** to approve the following minutes as corrected:

April 9, 2019 Special Meeting
April 9, 2019 Regular Meeting
April 30, 2019 Special Meeting
May 3, 2019 Special Meeting
May 15, 2019 Special Meeting

MOTION CARRIED.

IV. STATE FIRE MARSHAL'S REPORT:

- a. **Course Summary:** A revised course summary handout was provided to the council for review. The Fire Marshal advised there continues to be issues with students passing the Instructor I and Instructor II exams.
- b. **MFFTC Grant Awards Update:** The Fire Marshal advised the [2019 grant awards list](#) is now available to view on the bureau's website. To date, a total of 20 grants have been funded.
- c. **Class B AFFF Best Practices Poster:** The Fire Marshal shared that together, the Department of Licensing and Regulatory Affairs and the Department of Environment, Great Lakes, and Energy (EGLE, formerly the Department of Environmental Quality) developed a best practices [poster](#) to educate the fire service on the proper use of Class B AFFF. The goal is to hang a poster in each fire station in Michigan and the bureau is seeking assistance from the county training committees to do so. For more information regarding Class B AFFF and PFAS, please visit www.michigan.gov/pfasresponse.
- d. **PFAS Legislation:** The Fire Marshal advised legislation to address PFAS has been introduced. The Bureau of Fire Services and the LARA Office of Policy and Legislative Affairs will continue to track the proposed bills.

V. CURRICULUM WORK GROUP REPORT:

Councilperson Blomstrom advised that the Curriculum Work Group met on May 7, 2019 and May 29, 2019. Copies of the minutes were provided to the council members for review. Councilperson Blomstrom shared that the work group began reviewing the Firefighter I and II exam and has completed their review of the station checklists. The work group has requested the bureau include references from the textbook on each of the skill sheets.

VI. OLD BUSINESS:

- a. **ICS 300/400:** The Fire Marshal requested clarification on this action item. Councilperson Blomstrom stated course registrations were not showing up in MI-TRAIN and that the students must be dual registered in SMOKE and MI-TRAIN. The Fire Marshal replied he would work with Lt. Michele Sosinski with the Michigan State Police on this. It was suggested that a description be added to the course offering details to clarify the registration process.
- b. **Letter to MIOSHA regarding Part 74 and NFPA 1403 Live Fire:** Fire Marshal Sehlmeier reported the letter has been submitted to MIOSHA.

VII. NEW BUSINESS:

- a. **Instructor Investigation:** Fire Marshal Sehlmeier shared that as the result of a complaint the bureau has conducted an instructor investigation and is looking for guidance from the council on how to proceed as the rules have not been completed. The consensus was to follow past practice until the new rules are in place. Specifically, following an investigation the fire marshal will make a recommendation to the council regarding the individual's certification. The council will vote on the fire marshal's recommendation. Following the decision, the individual may appeal the council's decision during a closed session.
- b. **Curriculum Updates:** Fire Marshal Sehlmeier advised that IFSTA – Essentials of Fire Fighting 7th Edition and Jones and Bartlett – Fundamentals of Fire Fighter Skills and Hazardous Materials Response 4th Edition will be used in FY20 beginning on October 1, 2019.
- c. **FY18 Regional Training Center Annual Reports:** Copies of the FY18 regional training center annual reports were provided to the council for review.
- d. **Course Hours on Certificates:** Councilperson Blomstrom asked if it would be possible for the bureau to print course hours on certificates as having this information available on the certificate would be helpful to students seeking college credits. The Fire Marshal stated the bureau would look into the request and report back at the next meeting.
- e. **Clarification on Driver Training Practical Exam:** Councilperson Blomstrom requested clarification on the driver training practical exam as classes are being taught in different sequence. It was decided that the bureau would develop a flow chart outlining the process. The Fire Marshal shared that he would like the Curriculum Work Group to consider updating the test as it was last revised in 2002.
- f. **Review of Health & Safety Program Manager:** Councilperson Blomstrom requested the bureau obtain a copy of the curriculum as this course will replace Health and Safety Officer.

- g. Probationary Associate Instructor Recommendation:** A memo from Region Coordinator Dan Hammerberg was provided to council for review. In the memo, Region Coordinator Hammerberg explained that with the sunset date on the Company Officer requirements the bureau is seeing quite a few firefighters taking the Educational Methodology and Instructor Orientation courses and then applying to become a probationary associate instructor. He recommends the council decide on an end date for the bureau to approve probationary associate instructors, keeping in mind the time needed for these individuals to mentor and complete the evaluation process. Region Coordinator Richardson shared in Region Coordinator Hammerberg's absence that the intent was to allow those individuals to remain in their status if they are currently in the system to allow them to complete the process. Moving forward no additional probationary associate instructor is approved after October 1, 2019 and no additional certified associate instructor is approved after September 30, 2021.

19-6-05

A **MOTION** was made by **Councilperson Janik** echoing Region Coordinator Hammerberg's recommendation. **Councilperson Blomstrom** seconded the motion. After much discussion, **Councilperson Janik withdrew the motion.**

19-6-06

A **MOTION** was made by **Councilperson Janik** that no additional probationary associate instructor will be approved after October 1, 2019. Further, the probationary associate instructor must be approved as a certified associate instructor by September 30, 2021. **Councilperson Blomstrom** seconded the motion. **MOTION CARRIED.**

h. Q Course Applications:

1. CISM – Group Crisis and Individual Peer Support

Instructor: Susan Elben / Phone: 269-720-6852 / Email: brusue221@aol.com

19-6-07

A **MOTION** was made by **Councilperson Styles** and seconded by **Councilperson Blomstrom** to approve the curriculum. **MOTION CARRIED.**

2. The Art of Reading Smoke

Instructor: Dave Dodson / Phone: 989-837-3412

19-6-08

A **MOTION** was made by **Councilperson Pettinger** and seconded by **Councilperson Styles** to approve the curriculum. **MOTION CARRIED.**

3. Machine Rescue Awareness and Operations

Instructor: MUSAR Training Foundation / Phone: 248-651-4470
Email: jcieslik@rochestermi.org

19-6-09

A **MOTION** was made by **Councilperson Janik** and seconded by **Councilperson Styles** to approve the curriculum. **MOTION CARRIED.**

4. Rapid Intervention Team (RIT) Awareness

Instructor: John R. Brophy / Phone: 201-407-8902 / Email: brophyj@aol.com

19-6-10

A **MOTION** was made by **Councilperson Pettinger** and seconded by **Councilperson Janik** to approve the curriculum. **MOTION CARRIED.**

5. Rapid Intervention Team (RIT) Operations

Instructor: John R. Brophy / Phone: 201-407-8902 / Email: brophyj@aol.com

19-6-11

A **MOTION** was made by **Councilperson Blomstrom** and seconded by **Councilperson White** to approve the curriculum. **MOTION CARRIED.**

6. Fire Dynamics and the Fire Ground

Instructor: Paul Norwood and Sean Gray / Phone: 678-773-0841
Email: ffseangray@gmail.com

19-6-12

A **MOTION** was made by **Councilperson Pettinger** and seconded by **Councilperson Blomstrom** to approve the curriculum. **MOTION CARRIED.**

VIII. PUBLIC COMMENT:

John Cieslik, Michigan Urban Search and Rescue shared that they are interested in doing online courses. The council suggested he submit a Q course application for review.

Ryan Kept, St. Clair Shores Fire Department provided feedback on a proposal for Target Solutions that was approved at a prior meeting. His department began using an online management system to address the problem of people missing training. The online training is meant to supplement live/hands-on training for the department. To date:

- 872 out of 989 current active employees have registered.
- 5,000+ classes have been taken online.
- 802 people have completed more than one online training program.

This program has also helped to outline career development and they have received requests from other counties for the professional development.

Chris Mantels, Saugatuck Township Fire District thanked the council for their work on the rules.

Liam Carroll, Schoolcraft College inquired about the fire officer courses in FY20. Fire Marshal Sehlmeier suggested the counties run more Q-Courses while the council continues to work on the rules. Mr. Carroll also asked if fireworks funding could be used for cadets and explorers. Fire Marshal Sehlmeier shared that fireworks funding may be used if the student is a rostered member of a fire department. Region Coordinator TJ Richardson added that beginning in FY20, the fire department must also be NFIRS compliant for 12 consecutive months.

John Brophy, Saginaw Township Fire Department then asked if it would be wise to schedule a fire officer course that may run into FY20. Fire Marshal Sehlmeier shared that he may, however, realize that the rules are not yet completed.

IX. COUNCIL COMMENT:

Councilperson Blackmer shared that he is encouraged by the online learning feedback. He feels that we are behind on that.

Councilperson Steichen thanked the audience for coming to the meeting and for their input. He added that the current council has been working together for a full year now.

Councilperson White appreciated the feedback regarding online learning and shared that she looks forward to completing the rules.

Councilperson Blomstrom also thanked the audience for coming and asked that they have patience as the council continues to work on the rules, adding they have some big decisions to make.

Fire Marshal Sehmeyer also thanked the audience and agreed with Councilperson Blackmer regarding online learning.

Councilperson Pettinger also appreciated the online learning report and reminded the audience that a motion had been made to provide feedback to the council. She also shared that a free community risk reduction training opportunity will be available on June 17, 2019 and that a flyer would be shared on GovDelivery with additional details. She also thanked the audience for their patience on the rules and shared the council recognizes the importance of getting the rules completed.

Councilperson Styles reminded the audience that the council members' [contact information](#) is available on the bureau website and encouraged them to reach out to their council representative(s) as needed.

Councilperson Janik thanked the audience for attending the meeting and for their support. He also thanked the council for all their work.

Chairperson Tackett echoed the thanks to the audience and the council.

X. ADJOURNMENT:

19-6-13

A **MOTION** was made by **Councilperson Blackmer** and seconded by **Councilperson Styles** to adjourn the meeting. **MOTION CARRIED.** The meeting adjourned at 4:00 p.m.

APPROVED:

Chairperson Tackett

Councilmember

Firefighter Training Council
State of Michigan
Attn: Kevin Sehlmeier, Fire Marshall

21 May 2018

Course Summary
Iosco County FF 1&2 2018-1-35-A25D-0017

With the conclusion of the Iosco County firefighter course, the results can be compared to the challenges identified at the beginning of this course. The largest challenge was the alarming number of failures on the written exam. The class produced four failures out of eighteen participants yielding a 78% pass rate. This is an improvement from the results of the class I participated in last year. I believe the success can be attributed to vetting those participants by requiring a minimal education standard and possessing basic computer literacy skills.

Another challenge addressed was that of time. My informal queries with the students suggest this aspect had many advocates and some critics. Some personally thanked me for this curriculum stating they would never have had the opportunity to attain fire training with the traditional class room format. Their work and personal commitments were cited as obstacles. Others expressed a need for greater face to face time that a traditional program offers. I believe the perspective is determined by each person's learning style. Using a VARK assessment tool could help identify those who may identify with this curriculum; but it is beyond the scope of this course.

Comparing the results to the initial SWOT analysis yields some insight. The strength of this curriculum was the independence offered. Students were not regulated to a standardized weekly schedule, instead being responsible for their own destiny. It is interesting to note that the number of practical sessions were at par or even slightly above that of the traditional format. A weakness revealed is that very independence offered with this curriculum. Some participants took full, disciplined advantage of their time and completed tasks, practiced with others, and engaged themselves. Others chose an opposite path. Regarding the practical portion, the three failed students admitted not taking the course content seriously, not practicing, and having a lack of support from their respective departments in preparing. Two of the practical failures also failed the written. The practical pass rate was 84%. Educational competence was another obstacle identified. It still seems to remain a challenge. No one seemed to have difficulty accessing the needed technology. More of the students expressed difficulty in comprehension and understanding the test language. I have no objective explanation for this. My subjective belief is that even with the test prep and exposure to quizzes that have similar language as the final exam, some people struggle with the mindset and don't test well. I also personally believe that there is a root problem with basic educational competency. The potential threats to this curriculum never materialized. There was no lack of support from the State for this program. The State proctor, Mark Hall, helped solidify this curriculum by identifying deficiencies and helping find solutions.

Looking ahead I would hope for the opportunity to conduct this format again. In addition to the changes already made, I will require that specific competency skill drills such as ropes and knots be signed off by the respective department's training officer to complement the practical session education. I will also require class time to cover aspects of incident command and initial attack operations congruent to that of the final practical. The stage of the firefighter development in relation to the practical requirement does not match. Also, regarding this subject, it is not consistently applied within the fire service.

Thank you,
Fred Bellinger, MSN, RN, EMT-B
Fire Instructor, State of Michigan

Firefighter Training Council
State of Michigan
Attn: Kevin Sehlmeier, Fire Marshall

13 June 2019

Sir,

I am writing to request approval for a non traditional curriculum Firefighter I & II class. It will be sponsored through Iosco County beginning in October 2019 (FY 2020). The class format will utilize the template of my last class in Iosco County (2018 1 35 A25D 0017). It will be a combination of online study and practical education using Jones and Barlett 4th edition education material. Attached, please find the course summary from the previous class, the student requirements for participation, and a template of the schedule.

Thank you for your consideration,



Fred Bellinger, MSN RN EMT-B
Fire Instructor, State of Michigan

Firefighter Student Requirements and Class Policies

Goal: To provide a successful learning environment that gives the greatest opportunity for a participant to gain the knowledge and skills necessary to become a productive servant of their community as a member of their fire department.

1. Fire Department Membership

The student must be at least eighteen (18) years of age and an active member of a fire department within the State of Michigan that is organized under State and local laws. Such person must be entered into the SMOKE data base through the Firefighters Training counsel by his respective chief.

2. Prerequisites

- All participants must possess a high school diploma, GED or equivalent.
- **All participants must complete FEMA ICS 100 and 700 or the FFTC NIMS ICS prior to the start of class and present a copy of such at the first day of class.**
 - <https://training.fema.gov/is/courseoverview.aspx?code=IS-100.b>
 - <https://training.fema.gov/is/courseoverview.aspx?code=IS-700.a>

3. Attendance

Students are expected to attend all of the scheduled classroom sessions and practical days. The course manager is to be notified of an absence should an unforeseen event occur. Continued enrollment in the course will be determined with the input of the course manager, sponsoring county training coordinator and that student's fire chief.

4. Curriculum materials

The textbook used will be the "Fundamentals of Fire Fighter Skills" third edition by Jones and Bartlett Learning. An additional skills folder will be issued to each student as well. All material will be expected to be present during class.

5. Assigned tasks

- Online homework will be completed three days prior to the corresponding practical date. The online quiz has a lockout date and will not allow further submissions after that date. **Homework relating to the corresponding practical not completed will result in removal from the class.**

Firefighter Student Requirements and Class Policies

- Skills sheets corresponding to the pending practical will be completed by the student with the assistance of their fire department. The skill sheets are to be completed and signed as completed by an officer of the department.

6. Midterm

Students will have to obtain a cumulative quiz percentage of 70% by the third (3) practical day to continue on with the course. Those not above 70% will be unenrolled from the course.

7. Dress Code

Dress is expected to be appropriate and representative of your department. Full length pants, close toed shoes and shirts are the norm. Clothing that distracts should be avoided. Jewelry is worn at the participants own risk particularly during practical evolutions.

8. Facial Hair

To ensure proper face piece seal, students shall be completely free of facial hair in areas of the face that comes in contact with the sealing surface of the SCBA mask. **This is a MIOSHA requirement. Failure to comply will result in removal from the class and course.**

9. Conduct and Ethics

You are representing your department. Everything you do is a reflection of the fire department family that has sent you.

- Disruptive argumentative behavior will result in removal from class.
- Horseplay, profanity, and disrespect towards another student, instructor, or a MMFTC representative will not be tolerated.
- Discrimination in any form is not welcome or tolerated during this course.
- A student under the influence of alcohol or a controlled substance, or cheating is grounds for expulsion.
- Personal weaponry for no other purpose may not be worn or carried during training or testing. **Exception:** *Individuals required to carry a firearm as job requirement will be allowed to wear the weapon while on duty per their department policy when attending **classroom** training. Weapons will **not** be present during practical training sessions.*
- No guests allowed unless authorized by the course manager. No photographs, videos or social media information shall be taken or shared

Firefighter Student Requirements and Class Policies

during classes or practical sessions without the consent of the county training coordinator.

- Determination of a student's continued enrollment in the presence of disciplinary issues will be conducted as in the attendance policy.

10. Personal protective equipment

When required, the student will provide and wear the full PPE ensemble, including but not limited to turnout coat, pants, boots, gloves, helmet with face shield, hood, PASS device, SCBA. Appropriate PPE will be donned according to the task being performed. **No participation will be allowed should the equipment being used is deemed inadequate or unsafe by the proctor and course manager.**

11. Pagers and cell phones

Your job is here in the class. If you wish to help your community in the future, it is necessary to have a knowledgeable smart firefighter first.

Please turn all devices to silent or vibrate mode.

12. Food and beverages, etc.

No food is allowed during class lectures except during breaks. Beverages are allowed provided they do not interfere or disrupt the class. **Tobacco products are not allowed in class.** Use of such during break is at the discretion of the hosting department and in designated areas.

13. Cancellations

Should there be a cancellation in class or practical, county dispatches will send a notification page. Additionally an e mail and or text will be sent to the participants informing of the cancellation.

14. Fees

Course fees are set by the sponsoring county training coordinator and are **non refundable.** Additional fees may be charged at the advisement of the training coordinator.

15. Testing

A final written and practical test administered by the State of Michigan is required to obtain firefighter certification. **Attendance is required at the final written and final practical date.** A picture ID and your FF ID number are required. All study materials are prohibited on the exam dates.

	A	B	C	D
1		Subject	Date	Instructor/Location
2	*	Course orientation M-1 / FF history Ch 1		
3		FF Safety Ch 2		
4	*	PPE / SCBA Ch 3		
5	*	PPE / SCBA Ch 3		
6		FF survival Ch 18		
7		FF rehabilitation Ch 20		
8		ICS Ch 5		
9		Communications Ch 4		
10	*	Practical Day Module #1		
11				
12		Fire behavior Ch 6		
13		Building construction Ch 7		
14		Response and size up Ch 11		
15		FF tools & equipment Ch 9		
16	*	Ropes & knots Ch 10		
17	*	Ropes & knots Ch 10		
18		Portable extinguishers Ch 8		
19	*	Practical Day Module #2		
20				
21		Forcible entry Ch 12		
22		Ladders Ch 13		
23		Ventilation Ch 15		
24		Search & Rescue Ch 14		
25	*	Practical Day Module #3		
26				
27		Water supply Ch 16		
28		Fire hose, nozzles, streams, foam Ch 17		
29		Fire suppression Ch 22		
30		Salvage and overhaul Ch 19		
31		Cause and intervention Ch 38		
32	*	Practical Day Module #4		
33				
34		Pre-incident planning Ch 23		
35		Terrosism awareness Ch 35		
36		Fire detection, protection , suppression systems Ch 37		
37		Fire prevention, public education Ch 36		
38		Emergency medical care Ch 25		
39		Vehicle rescue and extrication Ch 26		
40		Assisting special rescue teams Ch 27		
41		Wildland and ground fires Ch 21		
42	*	Practical Day Module #5		
43				
44	*	Hazmat		
45	*	Hazmat		
46	*	Hazmat		

Proposal

	A	B	C	D
47	*	Hazmat		
48	optional	FF test review		
49	optional	FF test review		
50				
51	*	Final written exam		
52	*	Final practical exam		
53				
54				
55				
56		* = classroom session		
57				
58		Instructors		
59		Fred Bellinger 989 312 0543		
60		Bill Deckett 989 329 0454		

1

FMQ19-044

"Q" COURSE APPLICATION
 Michigan Department of Licensing & Regulatory Affairs
 Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
 Email: LARA-BFS-SMOKE@MICHIGAN.GOV
 Phone: 517-241-8847

To add a seminar/course to be listed in SMOKE submit this form to the following email address: LARA-BFS-SMOKE@MICHIGAN.GOV for review. The request will be reviewed and forwarded to the Michigan Fire Fighter Training Council (MFFTC) for curriculum review at the next scheduled MFFTC meeting (all requests must be made at least 15 days prior to the next regularly scheduled meeting).

SECTION I

Name of Applicant: <u>Nathan M. Furton</u>		Pin Number: <u>744892</u>	Date: <u>03-21-2019</u>
Host Fire Department: <u>Iron Mountain Fire Department</u>		County: <u>Dickinson</u>	
Applicant Street Address: <u>101 E Fleshem Street</u>			
City: <u>Iron Mountain</u>	State: <u>MI</u>	Zip Code: <u>49801</u>	Email: <u>furtonna@outlook.com</u>
Applicant Phone Number: <u>(906)290-0107</u>		Alternate Number: <u>(906)774-0622</u>	


SECTION II

Seminar/Course Name: <u>When Seconds Count, We Count Seconds</u>	
Instructor(s): <u>Howard Rinewalt / MO Davis</u>	Instructor Email/URL: <u>Edtacticstraining@gmail.com</u>
Instructor Phone Number: <u>932-596-9754</u>	Flyer Attached: <input checked="" type="checkbox"/>

Course Description: (Include course syllabus and detailed course expenses-you may attach additional pages if needed)

Applicable NFPA Standard(s): <u>NFPA 291, NFPA 1962, NFPA 1963</u>	
Class Capacity: <u>50</u>	Total Hours of Training: <u>8</u>

SECTION III

Applicant Signature: 	Date: <u>03-21-2019</u>
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When Seconds Count, We Count Seconds

Instructors

Howard Rinewalt

Mo Davis

Course Overview

The Fire Ground is dynamic, it requires intervention in seconds, this is why when seconds count, we count seconds. This phrase was made popular by our Lead Instructor Howard Rinewalt. Chief Rinewalt has developed that phrase into an 8-hour program.

Phone

832-596-9754

The 8-hour Lecture "When Seconds Count, We Count Seconds" is intended to put into perspective how valuable every second is. Many topics are covered in this lecture to take back time when it is most needed. We will cover methods for time saving in every position from Firefighter to Chief Officer.

Email

Fdtacticstraining@gmail.com **Required Equipment**

Office Location

Classroom for at least 10, no maximum student count.

2626 Centurian Cir

New Caney, TX 77357

Course Schedule

Objective 1	Why is Time Important
Objective 2	Shaving Seconds, The Driver Operator
Objective 3	Hose Loads, time saving for the Firefighter
Objective 4	Water Supply, When seconds count
Objective 5	Incident Command, Successful Outcomes
Objective 6	Review and Q&A

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SECTION I

Name of Applicant: Lawrence M. Morabito		Pin Number: 590186	Date: 8 July 2019
Host Fire Department: MI Prevention		County: N/A	
Applicant Street Address: 14488 Grafton Rd.			
City: Carleton	State: MI	Zip Code: 48117	Email: firechief133@gmail.com
Applicant Phone Number: 734-778-1502		Alternate Number:	

SECTION II

Seminar/Course Name: Community Risk Reduction: A Primer	
Instructor(s): Lawrence M. Morabito	Instructor Email/URL: firechief133@gmail.com
Instructor Phone Number: 734-778-1502	Flyer Attached: <input type="checkbox"/>

Course Description: (Include course syllabus and detailed course expenses-you may attach additional pages if needed)

This is an overview of the Community Risk Reduction (CRR) process. It includes a definition of CRR, along with the basic requirements to begin the process in a community. The five 'E's of risk reduction are discussed and general methods for the process. It is intended to give the participants a grasp of who, what and when the risk reduction process should be used. This course is based on the National Fire Academy curriculum in CRR. It is not intended to replace any course from NFA.

Applicable NFPA Standard(s): 1300; 1452	
Class Capacity: 30	Total Hours of Training: 4

SECTION III

Applicant Signature: <i>Lawrence M. Morabito</i>	Date: 8 July 2019
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Community Risk Reduction: A Primer

A. INTRODUCTION

B. WHAT IS COMMUNITY RISK REDUCTION?

1. What is Community Risk Reduction?
 - i.* Risk reduction is for civilians and fire service
 - ii.* Risk defined
2. Risk versus hazard
 - i.* Community risk is the totality of risks that a community faces.
 - ii.* Risk Sequencing
3. Levels of Prevention
4. Citizens and decision makers must understand existing and potential risk to be able to properly address those risks.
 - i.* Elements of successful risk reduction
 - ii.* Four conditions for change
 - iii.* Traditional versus non-traditional risk reduction

C. ASSESSMENT

1. Assessment is the first and most important step in considering any risk issue and target populations.
 - i.* Problem related data
 - ii.* People related data
2. Data collection
3. Risk assessment is a multi-step process
4. Benefits of analyzing the community
5. Four considerations of risk
6. Determining causal factors – factors that contribute to risk of life, property, environment, or community vitality
7. Five considerations of vulnerability
8. Establish risk reduction priorities

9. Defining acceptable levels of risk
 - a. Community involvement:
 - b. Benefits of involving the community
 10. Engaging stakeholders
 11. Problem statement
 12. Goal statement

D. PLANNING

1. CRR as a process
2. The Five E's of Risk Reduction
 - i.* Education is meant to alter behavior
 - ii.* Engineering/environmental interventions
 - iii.* Enactment/Enforcement interventions
 - iv.* Economic incentives
 - v.* Emergency response interventions
3. Steps in evaluation:
 - i.* Components of comprehensive evaluation
 - ii.* Outcome evaluation
 - iii.* Formative Evaluations
 - iv.* Process Evaluation (used during the program)
 - v.* Impact evaluation:

E. IMPLEMENTATION

1. Reasons for organizational resistance to change
2. Common Reasons for Change Failure

F. RESULTS

1. Building Community Equity
2. Four elements to build equity
3. Establish relationships and build trust early

G. Summary

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SECTION I			
Name of Applicant: Kyle Svoboda		Pin Number: 568018	Date: 7-15-2019
Host Fire Department: Keystone Solutions		County: Clinton	
Applicant Street Address: 124 East Washington Avenue			
City: Dewitt	State: Michigan	Zip Code: 48820	Email: svobodak@plainfieldmi.org
Applicant Phone Number: 616-520-1532		Alternate Number: 517-668-6029	


SECTION II	
Seminar/Course Name: Community Outreach for the Fire Officer	
Instructor(s): Kyle Svoboda / Lisa Hoffer	Instructor Email/URL: svobodak@plainfieldmi.org
Instructor Phone Number: 616-520-1532	Flyer Attached: Yes

Course Description: (Include course syllabus and detailed course expenses-you may attach additional pages if needed)

Please see attachment.

Applicable NFPA Standard(s):
 NFPA 901 – Standard for Incident Reporting and Fire Protection Data
 NFPA 921 – Guide for Fire and Explosion Investigations
 NFPA 950 – Standard for Data Development and Exchange for the Fire Service
 NFPA 1021 – Standard for Fire Officer Professional Qualifications
 United States Fire Administration Data Analysis
 MIPrevention / Michigan BFS Data Analysis

Class Capacity: 30	Total Hours of Training: 4
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SECTION III	
Applicant Signature: 	Date: 7-15-2019

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Community Outreach for the Fire Officer

Speakers: Lisa Hoffer and Kyle Svoboda

Keystone Solutions has been working with the Michigan Fire Inspector's Society and the MI Prevention group on data collection and evaluation of fire fatalities throughout the state of Michigan. The information gathered from the tragic stories of our victims has been helpful in determining where the fire service is falling short in preventative measures. This program was developed using data from Michigan Fire Fatalities and current research on fire behavior. This information will be evaluated in the first portion of the program.

The message of community risk reduction can effectively be provided to our communities through social media and marketing. By providing current information to our community in real time, the fire service can have an impact on fire fatalities in our state. The second half of the program will help fire officers understand that an effective community risk reduction program does not have to be labor intensive.

This program will provide two qualified instructors on site for a minimum of four hours of instructional time. Instruction will be a combination of lecture and hands on working with social media platforms and interacting with a live fire demonstration. By the end of this course, attendees should understand the importance of data collection, fire behavior on victim survival, and online community outreach.

Keystone solutions will provide two programs at 4 hours each for members wanting more information on community risk reduction using data driven social media programs. Each class will have two qualified instructors to providing knowledge in their perspective areas of expertise.

PROPOSED PRESENTATION OUTLINE

Data Collection and Analytics – This portion of the program will evaluate the importance of data collection through NFIRS reporting. In addition, course attendees will evaluate current fire fatalities trends within the State of Michigan and compare research to NFPA and USFA statistics. This section will help attendees understand data collection is the future of the fire service.

Fire Behavior for the First Arriving Fire Officer – After evaluating fire fatalities throughout the State of Michigan, it was determined that fire behavior has a significant impact on the victims chances of survival. It is important for front line officers to understand that the actions they take after arriving on the scene can be detrimental to the victims. This section will provide the fire officer a visual understanding of fire behavior related to flow path.

Community Outreach for the Fire Officer

Speakers: Lisa Hoffer and Kyle Svoboda

What is Social Media – The world we live in has become empowered by the internet and more importantly social media. Understanding how to use social media can be an important strategy for any fire department to reach their community. Current fire fatality data supports the need for community risk reduction programs using non-traditional techniques. The at-risk groups are using social media and it is important that fire officers to understand how to effectively use these platforms.

Community Outreach Does Not Have to be Labor Intensive – The Michigan Fire Inspectors Society has been effectively using social media to drive fire prevention in our community for quite some time. This section will outline the messaging techniques and guide you through how to do the same in your department.

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SECTION I

Name of Applicant: Lt. Michele Sosinski		Pin Number:	Date: 7/23/2019
Host Fire Department: Open to all rural and urban fire departments in Michigan			County: Open to all counties within Michigan
Applicant Street Address: 7426 Osborn			
City: Lansing	State: Michigan	Zip Code: 48913	Email: sosinskim1@michigan.gov
Applicant Phone Number: 517-388-6726		Alternate Number: 517-652-5910	

SECTION II

Seminar/Course Name: Hazardous Materials Operations Level 8-Hour Refresher	
Instructor(s): Michigan State Police Emergency Management and Homeland Security Training Center staff, Program Coordinator and main instructor: Ron Hagaman	Instructor Email/URL: EMHSTC@michigan.gov or HagamanR@michigan.gov
Instructor Phone Number: 517-284-3821	Flyer Attached: <input checked="" type="checkbox"/>

Course Description: (Include course syllabus and detailed course expenses-you may attach additional pages if needed)

The Hazardous Materials Operations Level 8-Hour Refresher is for all fire departments in Michigan, satisfying the need for annual training for their Operations level responders. Topics covered will better equip emergency responders with their first due on scene decision making process. This course will fill gaps between the Initial Hazardous Materials Operations certification and the ability to meet the required ongoing training requirements.

Please see attached for the goals, objectives, and flyer for this course.

Applicable NFPA Standard(s): MIOSHA Part 432 1910.120(q)(6)(ii) first responder operations level and 1910.120(q)(8) refresher training and numerous NFPA 472 and 1072 standards.

Class Capacity: 20	Total Hours of Training: 8
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SECTION III

Applicant Signature: <i>Lt. Michele A. Sosinski</i>	Date: 7/23/2019
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Hazardous Materials Operations Level 8-Hour Refresher – Mobile Delivery

Goal:

The goal is to deliver a mobile class offering of Hazardous Materials (HazMat) Operations level refresher training which meets NFPA and MIOSHA competencies.

Description:

This 8-hour course will provide students with refresher training on HazMat Operations level to be able to review and build on their original class. The training will be conducted using PowerPoints, hands-on time with meters and equipment, group activities, and a small scenario.

Topics Covered:

- Evaluate and determine the physical hazards of Hazardous Materials/Weapons of Mass Destruction (HAZMAT/WMD).
- Determine effective techniques on routine HazMat response.
- Research and evaluate response data from multiple sources.
- Conduct an effective scene size-up of a HazMat response.
- Recognize containers and conduct damage assessment.
- Perform defensive and offensive techniques based on NFPA 472.
- Recognize the importance of conducting pre-planning on fixed facilities.
- Recognize and identify clues for the presence of Clandestine Labs and WMD.

Target Audience:

Hazardous Materials Operations and Technician level

Prerequisites:

Firefighter I and Hazardous Materials Operations

Hazardous Materials Operations Level 8-Hour Refresher Course Objectives

Unit 1

- Case scenario
 - To discuss previous incidents and the need for refresher training

Unit 2

- List the basic clues for identification
- Identify occupancy and location clues for hazardous materials
- Identify characteristics of hazardous materials containers
- DOT and GHS placarding
- Use of 2016 Emergency Response Guide (ERG)
- Identify differences in cryogenic, non-pressure, and pressure containers
- Identify radioactive material packages

Unit 3

- Describe and assess chemicals and physical properties
- Understand and use air monitoring equipment
- Use PH, F, and KI paper strips to identify hazards
- Describe toxicological effects of Hazmat/WMD
- Identify the permissible exposure limits (PEL)
- Identify IDLH
- Identify signs and symptoms of responders and exposure of victims

Unit 4

- Conduct a proper size up of the incident
- Understand site management and control of Hazmat/WMD incident
- Determine additional resources
- Research and determine chemical and physical hazards
- Select appropriate Personal Protective Equipment (PPE)

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FMQ 19-048

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SECTION I

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Host Fire Department: Open to all rural and urban fire departments in Michigan			County: Open to all counties within Michigan
Applicant Street Address: 7426 Osborn			
City: Lansing	State: Michigan	Zip Code: 48913	Email: sosinskim1@michigan.gov
Applicant Phone Number: 517-388-6726		Alternate Number: 517-652-5910	

SECTION II

Seminar/Course Name: First Annual Michigan Hazmat Responder Conference	
Instructor(s): Various instructors from Michigan and nationwide. Project Coordinator: Tony Gutierrez	Instructor Email/URL: EMHSTC@michigan.gov or gutierrez4@michigan.gov or goot26@gmail.com
Instructor Phone Number: 517-284-3821	Flyer Attached: <input checked="" type="checkbox"/>

Course Description: (Include course syllabus and detailed course expenses-you may attach additional pages if needed)

The EMHSTC is hosting a first annual Michigan Hazmat Responder Conference at Crystal Mountain Resort, April 16 - 18, 2020. The conference is designed to bring hazmat teams together, build relationships and reliance on one another. Those within Michigan as well as nationwide speakers have committed to attend, providing expertise as well as hands on skill building for first responders. The conference will focus 100% on hazardous materials incident response, targeting Operations and Technician level fire fighters from all rural and urban fire departments, regional response, county, and local hazmat teams.

Please see the attached supporting documentation..

Applicable NFPA Standard(s): NFPA 472 Standard for Competence of responders to hazardous materials/weapons of mass destruction incidents. Topics will cover Hazmat Ops, Technicians, and Incident Command standard for hazmat training and response.

Class Capacity: 150 expected	Total Hours of Training: 24 hours total; 8 hour optional certification, 16 hours of seminars and workshops offered.
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SECTION III

Applicant Signature: <i>Lt. Michele Sosinski</i>	Date: 7/23/2019
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Information Brief: Michigan Hazmat Responder Conference

Lt. Michele Sosinski

PURPOSE:

The purpose of this brief is to provide information regarding the Emergency Management and Homeland Security Training Center (EMHSTC) plan to host an annual *Michigan Hazmat Responder Conference*, April 16 - 18 2020, held at Crystal Mountain Resort, Thompsonville, Michigan.

FACTS:

Since 2001, the EMHSTC has hosted 11 Summit (hazardous materials) conferences, with more than 6,000 attending. The last conference hosted was in 2011 with 620 in attendance.

In 2011, the Emergency Management and Homeland Security Division command staff made the decision to end the Summit Conference and dedicate resources to an emergency management and homeland security conference. This was due in part to funding, time commitment, politics, and overall focus of the conference.

In August 2018, a survey was distributed by the EMHSTC to determine interest in bringing a hazmat conference back to Michigan, dedicated completely to those that respond and mitigate hazardous materials incidents. An overwhelming majority of those surveyed expressed interest in attending up to a three-day conference, anywhere in the state, preferably in the spring, at little to no cost.

IDENTIFIED ISSUES:

Regional Response Teams (RRT), County, and Local Hazmat Teams are struggling. Due to retirements and budget cuts, the teams need and are requesting state guidance to determine their capabilities, their gaps, and to assist with a consolidation of resources, if necessary. Old equipment is not being replaced and teams are not even able to keep up with maintenance costs.

Hosting an annual hazmat conference is something that is needed and wanted by those in the hazmat community. The EMHSTC is in a position to offer this conference, provide leadership, and guidance to first responders.

SOLUTION:

The EMHSTC is the State's mechanism to provide leadership, guidance, and quality training to the existing teams and to the next generation of first responders. As a leader in hazardous materials training, the EMHSTC is committed to providing quality instruction and low-cost training for first responders statewide.

In an effort to bring together those interested in hazmat response, the EMHSTC has created a Hazmat Team Workgroup. This group is made up of representatives from county and local hazmat teams, Fire Marshal, Fire Fighter Training Council (FFTC), Mutual Aid Box Alarm System (MABAS), District Coordinators, emergency managers, Michigan Commission on Law Enforcement Standards, etc. This

group will lead the way in providing guidance, direction, and training to teams across the state, so they are prepared to respond locally or regionally, if and when disaster strikes.

As part of this effort to bring teams together, build relationships and reliance on one another, the EMHSTC will host an annual hazmat responder conference where we will bring in the best in the business, nationwide, to provide expertise as well as hands on skill building for first responders, at one location in Michigan. The focus will be 100% hazardous materials incident response.

The first day will offer at least two options for an eight- hour certification with networking in the evening. The second and third day will offer a variety of seminars and workshops, with a guest speaker on Friday night. A certificate of attendance will be earned.

Attendance will target fire fighters from all rural and urban fire departments, regional response, county, and local hazmat teams. The conference will be advertised to Hazmat Operations and Technician level first responders.

Attendees are expected to reach 150 for the first year. They will be expected to pay a registration fee plus their own lodging. Conference facility, materials, guest speakers, instructors, take-aways, and meals will be covered by the registration fee, vendor support, and Hazardous Materials Emergency Preparedness Grant Program.