



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
LANSING

ORLENE HAWKS
DIRECTOR

AGENDA
MICHIGAN FIRE FIGHTERS TRAINING COUNCIL REGULAR MEETING

Lansing Community College – West Campus
5708 Cornerstone Drive, Lansing, MI 48917
Tuesday, February 11, 2020
1:30 PM

- | | | |
|-------|---|-------------------------|
| I. | Call to Order and Determination of Quorum | Chairperson Tackett |
| II. | Approval of Agenda | Chairperson Tackett |
| III. | Approval of Minutes: December 5, 2019 Town Hall Meeting
December 6, 2019 Regular Meeting
December 6, 2019 Special Meeting
January 23, 2020 Special Meeting | Chairperson Tackett |
| IV. | Communications | Chairperson Tackett |
| V. | State Fire Marshal's Report | Fire Marshal Sehmeyer |
| VI. | Curriculum Work Group Report: | Councilperson Blomstrom |
| VII. | Old Business | |
| | a. Revised pathway for Driver's Training course | Councilperson Blomstrom |
| VIII. | New Business | |
| | a. FY20 MMFTC Grants | Chairperson Tackett |
| | b. Q Course Applications: | Chairperson Tackett |
| | 1. Flashover Training/Fire Behavior | Janelle Ruff |
| | 2. Unmanned Aircraft Systems - Part 107 | Gary Wherwein |
| | 3. RIT/Survival Techniques (8 hour) | Brent Connell |
| | 4. RIT/Survival Techniques (16 hour) | Brent Connell |
| | 5. SOFA Advanced Fire Equipment Operator | Robert Ginther |
| | 6. SOFA Basic Fire Equipment Operator | Robert Ginther |
| | 7. SOFA Advanced Fire Ground Resource Mgt | Robert Ginther |
| | 8. SOFA Basic Fire Ground Resource Mgt | Robert Ginther |
| | 9. Rapid Intervention Teams Awareness & Ops | Mark Cleveland |
| | 10. Engine/Truck Hands on Training | Mark Cleveland |
| | 11. Confined Space Rescue Awareness | John Cieslik |
| | 12. Tactical Emergency Casualty Care (TCCC) | Brian R Stalsonburg |
| | 13. Rescue Task Force - 4 hour | Brian R Stalsonburg |
| | c. Lockdown of Instructor I roster for additions and withdrawals | Councilperson Blomstrom |
| IX. | Public Comment | |
| X. | Council Comment | |
| XII. | Adjournment | Chairperson Tackett |



STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
LANSING

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DIRECTOR

**MINUTES
TOWN HALL MEETING**

Park Place Hotel
300 E. State Street, Traverse City, MI 49684
Thursday, December 5, 2019
7:00 p.m.

MEMBERS PRESENT:

Brian Blomstrom, Vice Chair, Michigan Fire Service Instructors Association
Alan Styles, Michigan Association of Fire Chiefs
Jacob Steichen, Nominee of the State Fire Marshal
Aileen Pettinger, Michigan Professional Firefighters Union
Kevin Sehlmeier, State Fire Marshal, Ex-officio Member

MEMBERS ABSENT:

Chad Tackett, Chairperson, Michigan Association of Fire Chiefs
Terrance Blackmer, Michigan State Firemen's Association
Lynnae White, Michigan Fire Inspectors Society
Greg Janik, Michigan Municipal League

BUREAU OF FIRE SERVICES STAFF PRESENT:

None

I. MEETING AND DETERMINATION OF QUORUM:

On December 5, 2019, Fire Marshal Sehlmeier held a town hall meeting in conjunction with the Michigan Fire Service Instructors Association 71st Annual Conference in Traverse City, Michigan. The meeting began at approximately 7:00 p.m. and a quorum was determined present. The purpose of the town hall meeting was to provide an opportunity for fire service members, as well as state and local officials, to learn more about the administrative rules process that is currently underway to implement the requirements set forth in Public Act 291 of 1966, the Michigan Fire Fighters Training Council Act. It should be noted that nothing was voted on and no official decisions were made at the town hall meeting.

APPROVED:

Chairperson Tackett

Councilmember



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STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
LANSING

ORLENE HAWKS
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MINUTES
MICHIGAN FIRE FIGHTERS TRAINING COUNCIL REGULAR MEETING

Park Place Hotel
300 E. State Street, Traverse City, MI 49684
Friday, December 6, 2019
1:00 PM

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
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

BUREAU OF FIRE SERVICES STAFF PRESENT:

Hollie Metts, Assistant to the State Fire Marshal
Andrea Keown, Department Technician, Fire Fighting Training Division/Recording Secretary
Dan Hammerberg, Region 1 Coordinator

OTHERS IN ATTENDANCE:

Steve Stawecki, Macomb Township Fire Department
Al Young, Taylor Fire Department
Jeff Packett, Roseville Fire Department
Joel Britt, Roseville Fire Department
Liam A. Carroll, Schoolcraft Regional Training Center
Dennis Firment, Farmington Hills Fire Department
John B. Martin, Novi Fire Department
Bill Pawluk, Lansing Community College
Ed Sayre, Star Township
Rick Rottman, Plainfield Fire Department
Robert Hill, Training Coordinator, Bureau of Fire Services
Doug Bourgeois, Beaver Creek Fire Department
Joseph Miracle Jr., Denton Township Fire Department
Wes Kelley, Grand Rapids Fire Department
Cory Kernodle, Grand Rapids Fire Department
Bradley Jackson, Richfield Township Fire Department
Nicholas Vaught, Sault Saint Marie Fire Department/Lake Superior State University
Michael Yanz, NIESA
Greg Ball, Oakland Township Fire Department
Chip Everett, Portage Fire Department
Dennis Cotton, Oakland Community College
Robert Ginther, Oakland Community College

Corey Miller, Berkley Department of Public Safety
Kurt Corrodi, Bay City Department of Public Safety
Mark Cleveland, Egelston Township Fire Department
John R. Kramer, Monitor Township Fire Department
Randy VanDenBoom, Bay County
Don Bigger, Michigan Fire Service Instructors Association
Zachary VanSickle, Custer Fire Department
Chelsea VanSickle, Custer Fire Department
Elizabeth Reimink, Hamlin Fire Department
Thomas LaJourneau, Marquette City Fire Department
Dale Hill, Cadillac Fire Department
Rick Kleinow, Monroe Fire Department
James Cousino, Northern Michigan Regional Training Center – Petoskey
Brian Drayton, Northern Michigan Regional Training Center – Petoskey
Jesse Silva, Charlevoix Fire Department
Larry Gambotto, Rochester Hills Fire Department
Jeremy Robertson, Van Buren Tech Regional Training Center
Charles Pichan, Detroit Fire Department Training Academy
Glen A. Goodson, Detroit Fire Department
Steven D. Mann, Deerfield Township Fire Department
Marco Isome, Tri Township
Scott Damon, Cambridge Fire Department
Bryce Tracy, Mackinac County/Mackinac City Fire Department
Rodney Scrotchen, Shelby Township Fire Department

I. CALL TO ORDER AND DETERMINATION OF QUORUM:

Chairperson Tackett called the regular meeting to order at 1:06 p.m. A quorum was determined present.

II. REVIEW AND APPROVAL OF AGENDA:

19-12-03

A **MOTION** was made by **Councilperson Janik** and seconded by **Councilperson Styles** to approve the December 6, 2019 regular meeting agenda. Councilperson Blomstrom requested that the fee limits for Firefighter I and II courses be added to the agenda under Old Business. Councilperson Pettinger also requested a spelling correction. Councilperson Janik and Councilperson Styles accepted the requested amendments. **MOTION CARRIED.**

III. REVIEW AND APPROVAL OF MINUTES:

19-12-04

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

October 22, 2019 Special Meeting
October 22, 2019 Regular Meeting
November 4, 2019 Special Meeting
November 20, 2019 Special Meeting

MOTION CARRIED.

IV. COMMUNICATIONS:

Fire Marshal Sehlmeyer shared that he received two documents from the Michigan Fire Service Instructors Association: one regarding the drivers training process and one regarding the fee limit for firefighter courses, which will be discussed under Old Business.

V. STATE FIRE MARSHAL'S REPORT:

- a) **MFFTC Contact Info:** Per Executive Directive 2019-05, all board appointees are required to have a State of Michigan email address. The council's contact information has been updated accordingly and added to the website.
- b) **Fire Fighter Training Division Staffing Updates:**
 - 1) **Region 2 Coordinator:** TJ Richardson has accepted a promotion within the Bureau of Fire Services as the manager of the Storage Tanks Division. The region coordinator position will be backfilled as soon as possible as we are currently working through Civil Service and LARA/Human Resources to update the position description. Interested applicants must possess a bachelor's degree to qualify for the position.
 - 2) **Department Technician:** Andrea Keown recently accepted the department tech position in the Fire Fighter Training Division. Andrea also promoted from within the bureau and previously worked in the Plan Review Division. In her new role, Andrea will take over as the liaison to the Michigan Fire Fighters Training Council. Moving forward, the Fire Marshal asks that the council direct correspondence to Andrea at keowna@michigan.gov. He thanked Hollie Metts for her work with the council.
 - 3) **Certification Specialist:** The Fire Marshal advised that the bureau will be looking to fill a certification specialist position to handle the certifications for all classifications in addressed in Public Act 291 of 1966, the Michigan Fire Fighters Training Council Act. We are currently working through Civil Service and LARA/Human Resources to establish the position.
- c) **Course Summary:** An updated course summary was provided to the council for review in their meeting packets.
- d) **Update on Grant Awards:** A handout detailing the grants awarded in FY19 and reports from the grant recipients were provided to the council for review. Fire Marshal Sehlmeyer asked the council to consider how the grant process will be handled in FY20 and suggested having a small workgroup of a few council members to work on the FY20 grant guidelines.
- e) **Live Fire Training Update:** A handout from Jon Stone with an update regarding the live fire training tower was also given to the council for review.
- f) **Regional Training Center Annual Reports:** The Fire Marshal advised that annual reports from the regional training centers were due on December 1, 2019. Staff are collecting the reports and will forward them to council electronically with their packets for the February meeting. The Fire Marshal noted the regional training center annual reports are done on fiscal year, rather than calendar year.
- g) **Training Coordinator Visits:** Fire Marshal Sehlmeyer shared that the training coordinators will be conducting quality assurance visits to courses in their coverage areas. The Fire Marshal stressed that class start and end times and required documentation should be made available to

the training coordinator upon request.

- h) **County Funding Update:** The following counties did not turn in their county training needs surveys and therefore, have not received their county funding allocation as of December 6, 2019 after being contacted many times since October 2019:
 - 1) Presque Isle
 - 2) Luce
 - 3) Otsego
- i) **Instructor I Curriculum Recommendation:** Fire Marshal Sehlmeier advised that the NFPA standard has changed and recommended that the council adopt an updated curriculum for the Instructor I (H07B) course since the current instructor book will not be available in the near future. He added that a change in curriculum would require the bureau to update the exam. More discussion to follow under New Business.
- j) **Q Course for Fire Instructor II:** Fire Marshal Sehlmeier shared the bureau received a Q-Course application from RAFT for Fire Instructor II. The Fire Marshal advised this item was not included on the agenda as the Bureau of Fire Services is the authority having jurisdiction for training and exams, and that the State of Michigan ultimately provides the certification.

VI. CURRICULUM WORK GROUP REPORT:

Councilperson Blomstrom shared that currently there are no curriculum work group meetings scheduled, but that they will be ready to work on the Instructor I exam when needed.

VII. OLD BUSINESS:

- a) **Course Schedule Update:** To clarify, the Bureau of Fire Services stands behind the hours on the forms. The two textbooks are laid out differently and the person who had inquired about the hours previously was referencing an old form.
- b) **Fee Limits for Firefighter I and II Courses:** At the previous meeting, Councilperson Blomstrom asked the council to consider raising the fee cap to a higher amount in SMOKE so that additional funds could be utilized to cover training expenses. A handout with a breakdown of the cost per class size was provided to the council for review. Councilperson Blomstrom added that he is not looking to change the county allocation at \$16,225 but feels the council should consider a fee cap based on the number of students in the class. Specifically:
 - i) Courses having 10-15 students: After the first 3 sessions of class, allow a maximum funding capability of \$16,225 in the SMOKE system.
 - ii) Courses having 16-20 students: After the first 3 sessions of class, allow a maximum funding capability of \$20,00 in the SMOKE system.
 - iii) Courses having 21-30 students: After the first 3 sessions of class, allow a maximum funding capability of \$25,00 in the SMOKE system.

19-12-05

A **MOTION** was made by **Councilperson Blomstrom** and seconded by **Councilperson**

Pettinger to implement a fee cap in SMOKE of \$16,225 for 10-15 students, \$20,000 for 16-20 students, and \$25,000 for 21-30 students. Councilperson Pettinger shared that she feels Councilperson Blomstrom had some great points and thinks it's a great suggestion. Fire Marshal Sehlmeier questioned the fee cap amounts as the course manager can set the amount for the course. Councilperson Blomstrom explained that additional instructor costs are incurred when taking on larger class sizes. Fire Marshal Sehlmeier questioned why the fee cap would be based on the number of students after the first three class sessions. Councilperson Blomstrom replied that is because students could drop the class. Councilperson Tackett stated the county should set a policy on what instructors should get paid and that the \$55 per hour rate was intended to be a course fee, not for one instructor to make \$55 per hour. He further stated that fireworks funds are meant to supplement training fees and is not meant to totally fund courses. Councilperson Blomstrom agreed that each county should have a policy in place and that firework funds were not intended to fully fund training. A roll call vote was taken.

Chairperson Tackett – no
Councilperson Blomstrom – yes
Councilperson Styles – no
Councilperson White – abstain
Councilperson Blackmer – no
Councilperson Janik – no
Councilperson Steichen – no
Councilperson Pettinger – yes
Fire Marshal Sehlmeier – no

Two votes yes, six votes no, and one abstention. **MOTION FAILED.**

VIII. NEW BUSINESS:

- a) **Curriculum for Fire Instructor I:** Fire Marshal Sehlmeier asked the council to consider adopting the Jones and Bartlett curriculum for Fire Instructor I. This curriculum would also cover Instructor II and II.

19-12-06

A **MOTION** was made by **Fire Marshal Sehlmeier** and seconded by **Councilperson Blomstrom** to use the Jones and Bartlett curriculum for the Instructor I, II, and III courses and exams. **Councilperson Styles** stated that he believed the change in curriculum would be implemented in March with the rules and asked the Fire Marshal to **amend the motion** to include changing the passing score of the Instructor I exam to 70%. **Fire Marshal Sehlmeier accepted the amendment. Councilperson Blomstrom did not accept the amendment on the passing score.** Councilperson Styles shared he would address the passing score in a separate motion. **MOTION CARRIED.**

19-12-07

A **MOTION** was made by **Councilperson Styles** and seconded by **Councilperson Janik** to set the passing score for Instructor I to 70%. Councilperson Steichen asked the Fire Marshal if he knew of any Instructor I course(s) currently scheduled. The Fire Marshal replied that there are about six to seven classes currently scheduled in SMOKE. Councilperson Blackmer questioned whether the council could amend the existing rules. Councilperson Styles replied that the passing score was raised to 80% at another council meeting in 2018 in Traverse City. Chairperson Tackett stated it would make more sense change the passing score with the new curriculum on March 1, 2020. Councilperson Blomstrom agreed with changing the passing

score when the new curriculum becomes effective for statistical purposes. **Councilperson Styles amends the motion** to change the Instructor I passing score to 70% effective March 1, 2020, when the new curriculum is implemented. **Councilperson Janik accepted the amendment.** A roll call vote was taken.

Chairperson Tackett – yes
Councilperson Blomstrom – yes
Councilperson Styles – yes
Councilperson White – yes
Councilperson Blackmer – yes
Councilperson Janik – yes
Councilperson Steichen – yes
Councilperson Pettinger – yes
Fire Marshal Sehmeyer – yes

MOTION PASSED UNANIMOUSLY.

- b) **Proposed Firefighter I/II Course (Hybrid):** James Cousino, Northern Michigan Regional Training Center – Petoskey, is seeking council's approval to run a hybrid Firefighter I and II course.

19-12-08

A **MOTION** was made by **Councilperson Styles** and seconded by **Councilperson Steichen** to approve the hybrid Firefighter I and II course. Councilperson Blackmer added that he appreciates the effort and feels that hybrid courses are the way of the future. **MOTION CARRIED.**

- c) **FY20 Disbursement of Unencumbered/Returned Funds:** Councilperson Styles shared that he would like to focus on individual department grants this year and regional grant applications were given preference in the past. Councilperson Pettinger thought the council had discussed focusing on department grants this year but wondered if it would impact more firefighters to continue to focus on a regional approach to training. Councilperson Steichen felt the council should try something new this year. Fire Marshal Sehmeyer suggested setting a cap on the requested amount of grant funding.

19-12-09

A **MOTION** made by **Councilperson Blomstrom** and seconded by **Councilperson Styles** to disburse unencumbered/returned FY20 funds to individual fire departments up to \$10,000 as requested on the individual fire department grant application. Fire Marshal Sehmeyer added that essentially the same awards process would be used as in previous years and that the funding would be awarded at the February 11, 2020 regular meeting. Fire Marshal Sehmeyer asked for volunteers (a few council members) to work as a subgroup and set the grant criteria. Councilperson Styles and Councilperson Steichen agreed to participate on the subgroup. **MOTION CARRIED.**

- d) **Proposed 2020 Meeting Schedule:** The proposed 2020 meeting schedule was presented to council for review and approval. A correction was noted regarding the start time for the special meetings/work sessions. The start time shall be changed to 9:00 am. Also, staff are working to secure a location for the special and regular meetings on April 14, 2020.

19-12-10

A **MOTION** was made by **Fire Marshal Sehmeyer** and seconded by **Councilperson Styles** to accept the 2020 meeting schedule as amended. Councilperson Tackett asked each council member to reach out to their organizations about hosting future council meetings. **MOTION CARRIED.**

e) Q Course Applications:

1) Rescue Task Force Train-the-Trainer

Instructor: Steve Huisman / Phone: 616-780-9624 / Email: steve@greatlakesems.com
Cory Kernodle, Grand Rapids Fire Department gave an overview of the course.

19-12-11

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

2) Introduction to Radiological/Nuclear WMD Operations

Instructor: MSP Emergency Management and Homeland Security Training Center staff
Phone: 517-284-3821 / Email: emhstc@michigan.gov

19-12-12

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

3) DTE/MFSIA Electrical Safety Program for Firefighters

Instructor: MFSIA Instructors / Phone: 313-235-3809 / Email: russel.pogats@dteenergy.com
Chris Dean, Michigan Fire Service Instructors Association, gave an overview of the course.

19-12-13

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

f) PUBLIC COMMENT:

Mike Yanz, NEISA: Regarding the DTE/MFSIA Electrical Safety Program for Firefighters, Chief Yanz asked if his department fell within the 13 counties that are being offered this training. Fire Marshal Sehmeyer shared that initially DTE and the MFSIA are launching a pilot program within DTE's coverage area, however, they could host a training in Ingham County.

Don Bigger, Michigan Fire Service Instructors Association shared that more information regarding the DTE/MFSIA Electrical Safety Training Train-the-Trainer program will be made available on their website (selection of instructors, training dates, etc.). On behalf of the instructors' association, Don thanked the council for coming to Traverse City this year and shared that the conference will be held in Traverse City for the next two years. He also welcomed everyone to attend the banquet later that evening.

g) COUNCIL COMMENT:

Councilperson Steichen thanked the attendees for coming to the regular meeting and encouraged fire services members in northern Michigan to get his contact information from the bureau's website.

Councilperson White thanked everyone for their patience through the administrative rules process and wished everyone happy holidays.

Councilperson Pettinger thanked Fire Marshal Sehmeyer for sharing the grant summaries with the council. She believes the training grants are making a difference and shared an excerpt from Lansing Community College's live fire training grant report. Councilperson Pettinger also thanked the Michigan Fire Service Instructors Association for inviting the Michigan Fire Fighters Training Council to Traverse City again. She wished everyone a merry Christmas and a happy new year.

Councilperson Blomstrom thanked the State of Michigan for allowing the Michigan Fire Fighters Training Council to meet in Traverse City again this year, and for allowing bureau staff to attend. He wished everyone a merry Christmas and happy new year.

Councilperson Janik thanked the audience for attending the regular meeting and the council for the work that they're doing. Councilperson Janik also agreed with Councilperson Pettinger's comments regarding the grants as it really resonates with him. He wished everyone a merry Christmas.

Councilperson Blackmer hopes everyone has a great weekend and takes advantage of the good training opportunities. He also encouraged fire service members to share what they've learned with their departments.

Councilperson Styles thanked the attendees for coming to the regular meeting and thanked everyone for their feedback. He wished everyone a safe holiday season.

Fire Marshal Sehmeyer recognized Ed Sayre for his involvement in MI Prevention since the beginning of the task force and presented him with a challenge coin. The Fire Marshal also thanked the Michigan Fire Service Instructors Association for allowing the council hold their meeting in conjunction with the conference. The Fire Marshal advised that he would be handling TJ Richardson's training session in lieu of his new position. He also thanked the council for their support of the Bureau of Fire Services and their work on the rules. He wished everyone in attendance a happy holiday season and shared that he looks forward to the new year.

Chairperson Tackett noted that he appreciates everyone's time and commitment. He also wished TJ Richardson well in his new position.

h) ADJOURNMENT:

19-12-14

A **MOTION** was made by **Councilperson Steichen** and seconded by **Councilperson Styles** to adjourn the meeting. **MOTION CARRIED.** The meeting adjourned at 3:00 p.m.

APPROVED:

Chairperson Tackett

Councilmember



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STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
LANSING

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

Park Place Hotel – Boardman Room
300 E. State Street, Traverse City, MI 49684
Friday, December 6, 2019
9:00 AM

MEMBERS PRESENT:

Brian Blomstrom, Vice Chair, Michigan Fire Service Instructors Association
Alan Styles, Michigan Association of Fire Chiefs
Lynnae White, Michigan Fire Inspectors Society
Greg Janik, Michigan Municipal League
Jacob Steichen, Nominee of the State Fire Marshal
Aileen Pettinger, Michigan Professional Firefighters Union
Kevin Sehmeyer, State Fire Marshal, Ex-officio Member

MEMBERS ABSENT:

Chad Tackett, Chairperson, Michigan Association of Fire Chiefs
Terrance Blackmer, Michigan State Firemen's Association

BUREAU OF FIRE SERVICES STAFF PRESENT:

Hollie Metts, Assistant to the State Fire Marshal/Recording Secretary
Andrea Keown, Department Technician, Fire Fighting Training Division
Dan Hammerberg, Region 1 Coordinator

OTHERS IN ATTENDANCE:

Josh Mosher, Michigan Association of Fire Chiefs
Sedric Ketchum, DHS
Jim Fisher, Northern Michigan Fire Chiefs Association
Jim Peterson, Northern Michigan Fire Chiefs Association
Guy Hubbard, Perry Fire Department
Ray Wilson, Michigan Fire Service Instructors Association

I. CALL TO ORDER AND DETERMINATION OF QUORUM:

Vice Chairperson Blomstrom called the special meeting/work session to order at 9:07 a.m. A quorum was determined present.

II. REVIEW AND APPROVAL OF AGENDA:

19-12-01

A **MOTION** was made by **Councilperson Janik** and seconded by **Councilperson Styles** to approve the December 6, 2019 special meeting agenda, as presented. **MOTION CARRIED.**

III. COMMUNICATIONS:

Councilperson Janik received communication requesting clarification regarding Fire Instructor I.

IV. 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 in their meeting packets and projected for all attendees to view during the work session. Region Coordinator Dan Hammerberg made changes to the document per the discussion. The discussion included county training committee (CTC) chairperson elections, training needs surveys, including the deadline to submit training needs surveys to the bureau (June 15) and the deadline for training funds to be designated (December 31). The council took a short break from 10:00-10:15 am. After the break the council revisited the section concerning Fire Instructor I on pages 8 and 9 and then continued moving through the document starting at continuing education.

V. PUBLIC COMMENT:

None.

VI. COUNCIL COMMENT:

None.

VII. ADJOURNMENT:

19-12-02

A **MOTION** was made by **Councilperson Janik** and seconded by **Councilperson Steichen** to adjourn the special meeting/work session. **MOTION CARRIED.** The meeting adjourned at 11:45 am.

APPROVED:

Chairperson Tackett

Councilmember



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DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
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MINUTES
MICHIGAN FIRE FIGHTERS TRAINING COUNCIL SPECIAL MEETING
WORK SESSION - RULES

Meridian Township Fire Department
5000 Okemos Road, Okemos, MI 48864
Thursday, January 23, 2020
9:00 AM

MEMBERS PRESENT:

Brian Blomstrom, Vice Chair, Michigan Fire Service Instructors Association
Lynnae White, Michigan Fire Inspectors Society
Greg Janik, Michigan Municipal League
Jacob Steichen, Nominee of the State Fire Marshal
Aileen Pettinger, Michigan Professional Firefighters Union
Kevin Sehmeyer, State Fire Marshal, Ex-officio Member

MEMBERS ABSENT:

Chad Tackett, Chairperson, Michigan Association of Fire Chiefs
Terrance Blackmer, Michigan State Firemen's Association
Alan Styles, Michigan Association of Fire Chiefs

BUREAU OF FIRE SERVICES STAFF PRESENT:

Andrea Keown, Department Technician, Fire Fighting Training Division

OTHERS IN ATTENDANCE:

Liz Arasim, Regulatory Affairs Officer, Office of Policy and Legislative Affairs
Josh Mosher, Midland Fire Department
Mark Cleveland, Michigan Association of Fire Chiefs
Robert Smith, Dexter Fire Department
Bill Forbush, Alpena Fire Department
Bill Priese, Meridian Township Fire Department
Jim Fisher, Gerrish Township Fire Department
Robert Jennison, Livonia Fire Department
Aric Massingill, Adrian Fire Department
Stan Pochron, Taylor Fire Department

I. CALL TO ORDER AND DETERMINATION OF QUORUM:

Vice Chairperson Blomstrom called the special meeting/work session to order at 9:12 a.m. A quorum was determined present.

II. REVIEW AND APPROVAL OF AGENDA:

20-01-01

A **MOTION** was made by **Councilperson Pettinger** and seconded by **Councilperson White**

to approve the January 23, 2020 special meeting agenda, as presented. **MOTION CARRIED.**

III. COMMUNICATIONS:

Fire Marshal Sehmeyer and Councilperson Janik each received similar communication from the Allendale and Iron Mountain fire departments regarding fire chiefs continuing education criteria not being on par with current firefighter criteria. Fire Marshal Sehmeyer also received a call from a fire chief in northern Michigan, who heard chiefs would need to be certified to Fire Officer 4's. He advised the draft rules speak only to Fire Officer I and Fire Officer II certifications for chiefs based on population.

Councilperson Pettinger: None.

Councilperson White: None.

Councilperson Steichen shared that some departments are having NFIRS issues.

Councilperson Blomstrom received communication regarding reciprocity for teachers who are firefighters and questions on whether educational experience can be used in lieu of taking Instructor I, II, and III courses.

IV. NEW BUSINESS:

a. Fire Fighter Training Council General Rules Update: A revised draft of the Fire Fighter Training Council General Rules (dated December 6, 2019) was provided to the council in their meeting packets and projected for all attendees to view during the work session. FFTD Department Technician, Andrea Keown made changes to the working draft document per the discussion. The discussion resumed with continuing education credits from the December 6, 2019 special meeting. The council took a lunch break from 12:20-1:20 p.m. After the lunch break the council revisited the section concerning continuing education requirements. The council took a short break from 2:50-3:00. After the break the council discussed continuing education hours and how MIOSHA Part 74 correlated to these rules.

V. PUBLIC COMMENT:

Josh Mosher, Midland Fire Department asked about MIOSHA continuing education requirements in relation to the state's rules.

VI. COUNCIL COMMENT:

Fire Marshal Sehmeyer conveyed that the next special meeting/work session at Lansing Community College - 5708 Cornerstone Drive, Lansing, MI 48917 on Tuesday, February 11, 2020 will be heavily focused on FY20 grant applications, and that Hollie Metts would send a Doodle poll to set up future special meeting/work sessions dates.

Councilperson Pettinger: None.

Councilperson White: None.

Councilperson Steichen: None.

Councilperson Janik likes the progress the council made today.

Councilperson Blomstrom agreed with Councilperson Janik that good progress was made and that we will need to revisit the reciprocity and instructor sections of the rules.

VII. ADJOURNMENT:

20-01-02

A **MOTION** was made by **Councilperson Steichen** and seconded by **Councilperson Pettinger** to adjourn the special meeting/work session. **MOTION CARRIED.** The meeting adjourned at 3:59 p.m.

APPROVED:

Chairperson Tackett

Councilmember

DRAFT

"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: Janelle I. Ruff		Pin Number: 608689	Date: 12-02-2019
Host Fire Department: Chocolay Township Fire Dept.			County: Marquette
Applicant Street Address: 5010 US-41 South			
City: Marquette	State: MI	Zip Code: 49855	Email: jiruff76@yahoo.com
Applicant Phone Number: 906-458-2379		Alternate Number: 906-228-6220 ext. 110	

SECTION II

Seminar/Course Name: Flashover Training / Fire Behavior	
Instructor(s): Jason R. Weber	Instructor Email/URL: jason.weber@nwtc.edu
Instructor Phone Number: 920-498-7175	Flyer Attached: <input checked="" type="checkbox"/>

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

The Marquette County Fire Fighter's Assoc. is looking to host (with the assistance of Chocolay Twp. FD) a Flashover Training Simulator. I have attached the course outline that I received from Jason Weber, Public Safety Training Coordinator from Northwest Technical College in Green Bay, WI.


In recent years Marquette County has hosted training and lectures that have been great, however we wanted something more hands on this year. We have a lot of newer firefighter's in our area who have not seen a real fire. They don't know what it really looks like, feels like, how it acts, nothing. As an instructor I feel that it is of utmost importance to find quality hands on training that is safe, something they can really learn from. Something like this taught by fire science instructors would be great for all fire fighters; new and experienced. We would have these guys come up for an entire weekend so that we can run multiple evolutions and hopefully get everyone who wishes to train though it that weekend.

Applicable NFPA Standard(s):

Class Capacity: 10 for each burn

Total Hours of Training: 4

SECTION III

Applicant Signature: 		Date: 12-02-2019
BFS USE ONLY		
Date Approved by MFFTC:	"Q" Course Number Assigned	Date Course Catalog Updated

NWTC Flashover Training

Estimated Time:	Introduction 0:15 Flashover Lecture 0:45 Flashover Simulator Practical Evolutions 3:00
Course Description:	Flashover training offers firefighters the opportunity to observe fire behavior and the signs that lead to a flashover. Training will be conducted in a Phase 1 training container from Swede Survival Systems, providing students with instruction in fire development, flashover, and backdraft in a controlled environment. Emphasis is on safe fireground operations. Ventilation, fire attack, recognizing flashovers, and escape methods are also covered. Students will be made aware of unsafe operations on the fireground that have led to firefighter injuries and fatalities
Lesson Outline:	Fire Behavior Stages of Fire Development Formation of Fire Gases Flashover Warning Signs Flashover Development Changing Smoke Conditions Ventilation Techniques Flow Path Considerations Hoseline and Nozzle Usage for Flashover Conditions Thermal Imaging Camera Usage Flashover Escape Methods Conclusion
Prerequisites:	NFPA 1001 Firefighter 1 Certification or completion of Wisconsin Entry Level Firefighter course completion with signed letter from the department fire chief.
Student Equipment:	Note taking materials (optional) and full set of NFPA compliant turnout gear with NFPA compliant SCBA.
Objectives:	Upon completion of this course, the student should have a basic understanding of flashover recognition and control techniques.
Practical Skills:	Under live fire conditions students will witness 8 to 12 flashover events. Students will receive instruction in fire behavior, flow path, gas/smoke production. They will experience the warnings sign of a Flashover. Students will experience how all of the warning signs will be absent and yet a flashover will still occur. That ventilation and flow path are major contributors in fire behavior. Student will be instructed in the importance of door control in affecting a rescue or time to escape



J Ruff <mqtcountyffassoc@gmail.com>

Flashover Training

Weber, Jason R. <Jason.Weber@nwtc.edu>
To: MCFFA <mqtcountyffassoc@gmail.com>

Wed, Oct 23, 2019 at 12:01 PM

Janelle –

So things have slowed down a bit – just a bit 😊 – and I have put together some answers on this.

COST:

We could do this for \$3,600. The travel up there is what gets us! So what this includes is:

- 2 instructors (16 hours each plus the travel time)
- Fuel for the semi to get the unit up there
- Travel costs (2 hotel nights for instructors)

This does NOT include the wood though. Each burn require 5 sheets of OSB (4 x 8 x ½). When we did this in Brietung they were able to get wood from a sawmill at a much cheaper cost than I could. So you could save quite a bit doing it that way.

I am also submitting our course outline to Michigan to see if the training would be able to be reimbursed for you guys.

DATES:

We are pretty flexible with dates and would just have to work it out with instructors.

NUMBER OF STUDENTS:

We can fit a maximum number of 10 students in the trailer for each burn. With the actual set up, burn and clean up takes one hour. So we could do 7-8 burns in an 8 hour time frame.

LOCATION:

Essentially this is a semi-trailer and tractor unit and could be parked anywhere. We do need an engine with a water supply to be connected to. Keep in mind that the training does generate some smoke. Typically these are set up in a fire department parking lot.

Jason Weber

Public Safety Training Coordinator

Northeast Wisconsin Technical College

2740 West Mason Street | PO Box 19042

Green Bay, WI 54307-9042

Office: 920-498-7175 | Fax: 920-498-6313

Email: jason.weber@nwtc.edu

Visit our **Public Safety Training website** for a list of offerings.

Like **NWTC Public Safety** on Facebook to stay up-to-date with upcoming events.

From: MCFFA <mqtcountyffassoc@gmail.com>
Sent: Tuesday, October 15, 2019 1:15 PM
To: Weber, Jason R. <Jason.Weber@NWTC.EDU>
Subject: Flashover Training

Good Afternoon Jason,

[Quoted text hidden]

[Quoted text hidden]

"Q" COURSE APPLICATION

FMQ20-002

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

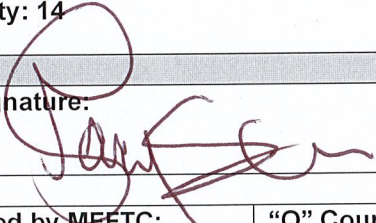
Name of Applicant: Gary Wehrwein		Pin Number: 612251	Date: 01/16/2020
Host Fire Department: Washington Township Fire Department		County: Macomb	
Applicant Street Address: 11300 27 Mile Road			
City: Washington Twp.	State: Michigan	Zip Code: 48094	Email: wehrwein@ctwfd.org
Applicant Phone Number: (586)242-5125		Alternate Number: (586)781-6161	

SECTION II

Seminar/Course Name: Unmanned Aircraft Systems – Part 107	
Instructor(s): Gary Wehrwein and Jason Harrison	Instructor Email/URL: wehrwein@ctwfd.org
Instructor Phone Number: (586)242-5125	Flyer Attached: <input checked="" type="checkbox"/>

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

See attached

Applicable NFPA Standard(s): NFPA 2400	
Class Capacity: 14	Total Hours of Training: 24
SECTION III	
Applicant Signature: 	Date: 01/16/2020
BFS USE ONLY	
Date Approved by MFFTC:	Date Course Catalog Updated
"Q" Course Number Assigned	

Washington Township Fire Department

11300 27 Mile Rd., WASHINGTON, MI 48094 * 586-781-6161

Topic: UAS – Part 107

Goal: To demonstrate competency in the UAS Program FAA Part 107.

Presenter: Jason Harrison and Gary Wehrwein

Dates: TBD

Specific Topic: UAS – Drone Operations

Format: The lecture will include preparation for FAA Part 107 including preflight checklist, UAS Operations, and a variety of safety issues the pilot in command may face during missions.

Objectives: The participant will be able to:

1. Define training and overall program for safe, effective, and successful emergency response unmanned aerial systems.
2. Develop safe, confident UAS pilots for emergency operations.
3. Review and discuss FAA Part 107 material to prepare student for FAA examination.

Student Evaluation Technique: Student will be evaluated by the instructor

Rational for presentation: The use of UAS in the fire service is new and training is required for safe operation of UAS. There are many uses for UAS including: Search & Rescue, Fireground Operations, Accident Reconstruction, and HAZMAT Operations.

UAS PART 107 EXPENSES

GARY WEHRWEIN

586-242-5125
wehrweing@ctwfd.org

11300 27 Mile Road
Washington Twp. Mi.,
48094

Description		Cost
Instructor Fee (2) Instructors @\$55/hr		
Instructional Hours (24)		2640
Preparation (2) Instructors @ \$55/Hr		
Preparation Hours (4)		440
Classroom Materials		
14 books @ \$65/each		910
Total		\$ 3990



UAS Program Schedule

Jason Harrison / Gary Wehrwein

Email: wehrweing@ctwfd.org

Cell: 586-242-5125

Training Hours:

This course is a 24 hour training course broken down into:
3- 8 hour days

Introductions and Pre-test

UAS Operations Presentation

FAA Part 107 Rules

Radio Communications / Physics of Aircraft

Sectional Charts

Airspace Classification

NOTAMS

TRF's

Aviation Weather Reports METAR / TAF

Weather

Emergency Procedures

Physiological Factors Affecting Pilot Performance

Aeronautical Decision Making / Risk Management / Judgment

Mitigating Risk / PAVE

Crew Resource Management

Review / Practice

UAS Pilot Certification Process / Practice Questions

Exam Preparation / Post Test

Flight

Introduction to Equipment

User Manual / Controls Powerpoint

Preflight Set-up / Safety Zone / Practice Flight

Advance Flight Skills / Practice Flying

In Flight Emergencies / Problem Solving

Course Requirements / Attendance:

Each student must be present for 100% of the course and successfully complete 100% of practical flight time.

Testing :

The student must successfully complete all the practical skills and score an 80% or higher on the written examination.

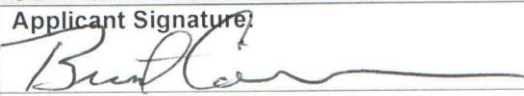
Evaluation:

At the completion of the course each student will fill out an evaluation critiquing the class based on his/her experience.

"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

FMQ20-003

<p>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).</p>			
SECTION I			
Name of Applicant: Brent Connell		Pin Number: 616130	Date: 11-25-19
Host Fire Department: Lapeer City Fire & Rescue		County: Lapeer	
Applicant Street Address: 1347 Pinewood Drive			
City: Lapeer	State: MI	Zip Code: 48446	Email: bconnell1169@gmail.com
Applicant Phone Number: 810-614-6490		Alternate Number: 810-245-2475	
SECTION II			
Seminar/Course Name: RIT/Survival Techniques			
Instructor(s): Brent Connell, Josh Cole, Jeff Tody		Instructor Email/URL: bconnell1169@gmail.com	
Instructor Phone Number: 810-614-6490		Flyer Attached: <input type="checkbox"/>	
<p>Course Description: (Include course syllabus and detailed course expenses-you may attach additional pages if needed)</p> <div style="border: 1px solid black; padding: 10px; min-height: 150px;"> <p>Approximately hour and half classroom with the description of the need for RIT on the fireground. Hands-On training following including the following: Emergency air supply, assessing and packaging a firefighter, drags and carries, entanglement drills, SCBA emergencies and disorientated firefighter.</p> <p>Some drills may be added or deleted depending on class size.</p> </div>			
Applicable NFPA Standard(s): 1407			
Class Capacity: 24		Total Hours of Training: 8	
SECTION III			
Applicant Signature: 		Date: 11-25-19	
BFS USE ONLY			
Date Approved by MFFTC:	"Q" Course Number Assigned	Date Course Catalog Updated	

"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: Brent Connell		Pin Number: 616130	Date: 11-25-19
Host Fire Department: Lapeer City Fire & Rescue			County: Lapeer
Applicant Street Address: 1347 Pinewood Drive			
City: Lapeer	State: MI	Zip Code: 48446	Email: bconnell1169@gmail.com
Applicant Phone Number: 810-614-6490		Alternate Number: 810-245-2475	

SECTION II

Seminar/Course Name: RIT/Survival Techniques	
Instructor(s): Brent Connell, Josh Cole, Jeff Tody	Instructor Email/URL: bconnell1169@gmail.com
Instructor Phone Number: 810-614-6490	Flyer Attached: <input type="checkbox"/>

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

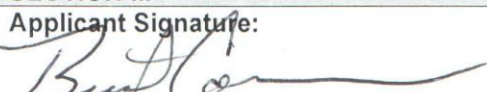
Approximately hour and half classroom with the description of the need for RIT on the fireground. Hands-On training following including the following: Emergency air supply, assessing and packaging a firefighter, drags and carries, entanglement drills, SCBA emergencies, disorientated firefighter and MAYDAY drills.

Some drills may be added or deleted depending on class size.

Applicable NFPA Standard(s): 1407

Class Capacity: 24	Total Hours of Training: 16
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SECTION III

Applicant Signature: 	Date: 11-25-19
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BFS USE ONLY

Date Approved by MFFTC:	"Q" Course Number Assigned	Date Course Catalog Updated
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Michigan Department of Licensing & Regulatory Affairs
 Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
 Email: LARA-BFS-SMOKE@MICHIGAN.GOV
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SECTION I

Name of Applicant: Robert Ginther		Pin Number: 550703	Date: 1/27/2020
Host Fire Department: South Oakland Fire Association (SOFA)			County: Oakland
Applicant Street Address: 18600 West Thirteen Mile Road			
City: Beverly Hills	State: MI	Zip Code: 48025	Email: rginther@beverlyhillspolice.com
Applicant Phone Number: (248) 540-3417		Alternate Number: (248) 721-0758	

SECTION II

Seminar/Course Name: SOFA Advanced Fire Equipment Operator	
Instructor(s): SOFA Instructors	Instructor Email/URL: rginther@beverlyhillspolice.com
Instructor Phone Number: (248) 721-0758	Flyer Attached: <input checked="" type="checkbox"/>

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


The Advanced Fire Equipment Operator course will provide students the opportunity to improve and enhance their pump and aerial operation skills through both lecture and practical training. Students will participate in scenarios that involve problem solving in an effort to maximize the effectiveness of the fire apparatus on a fire ground.

Topics include: Obtain a water supply from a hydrant to supply a fire apparatus, Forward and reverse hose lays, Supply 1 ¾" and 2 ½" fire attack hose lines, pumping multiple lines, supply a standpipe, correct a broken line, relay pumping, correct loss of vacuum, supply deck guns and master streams, aerial apparatus placement, aerial apparatus operations, ground ladder placement, ventilation, utility control, forcible entry, search and rescue

Applicable NFPA Standard(s): NFPA-1002, NFPA-1410, NFPA-1901

Class Capacity: 20	Total Hours of Training: 16
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SECTION III

Applicant Signature: 		Date: 1/27/2020
BFS USE ONLY		
Date Approved by MFFTC:	"Q" Course Number Assigned	Date Course Catalog Updated



South Oakland Fire Association

18600 West Thirteen Mile – Beverly Hills – MI – 48025

Phone: (248) 540-3417 – Fax: (248) 540-3437

Lesson Plan

COURSE NAME: SOFA Advanced Fire Equipment Operator

SUBMITTED BY: Robert Ginther, SMOKE #550703

FORMAT: Lecture/Practical

COURSE HOURS: 16

COURSE CODE: TBD

COURSE DATE: TBD

COURSE TIME: TBD

DESCRIPTION: The Basic Fire Equipment Operator course will provide students the opportunity to improve and enhance their pump and aerial operation skills through both lecture and practical training. Students will participate in scenarios that involve problem solving in an effort to maximize the effectiveness of the fire apparatus on a fire ground.

OBJECTIVES: At the end of this session, the student will have the ability to:

- I. Obtain a water supply from a hydrant to supply a fire apparatus
- II. Forward and reverse hose lays
- III. Supply 1 3/4" and 2 1/2" fire attack hose lines
- IV. Pumping multiple lines
- V. Supply a standpipe
- VI. Correct a broken line
- VII. Relay pumping
- VIII. Correct loss of vacuum
- IX. Supply deck guns and master streams
- X. Aerial apparatus placement
- XI. Aerial apparatus operations
- XII. Ground ladder placement
- XIII. Ventilation
- XIV. Utility control
- XV. Forcible entry
- XVI. Search and rescue

EVALUATIONS: The following methods will be utilized to evaluate both the students and instructors

- I. A debriefing will take place at the end of each station to review content and execution methods in order to ensure that students are comprehending the material.
- II. A course evaluation which will review class content and presentation methods will be filled out by the course participants.



South Oakland Fire Association

TRAINING NOTICE

ADVANCED FIRE EQUIPMENT OPERATOR

COURSE NAME: Advanced Fire Equipment Operator

COURSE DATE: TBD

COURSE TIME: TBD

COURSE CODE: TBD

COURSE COST: TBD

REGISTRATION: Contact Course Manager

LOCATON: Beverly Hills Public Safety Department
18600 West Thirteen Mile Road
Beverly Hills, MI 48025

CONTACT: Robert Ginther
Beverly Hills Public Safety Department
18600 West Thirteen Mile Road
Beverly Hills, MI 48025

PHONE: (248) 540-3417

E-MAIL: rginther@beverlyhillspolice.com

DESCRIPTION: The Basic Fire Equipment Operator course will provide students the opportunity to improve and enhance their pump and aerial operation skills through both lecture and practical training. Students will participate in scenarios that involve problem solving in an effort to maximize the effectiveness of the fire apparatus on a fire ground.

- TOPICS INCLUDE:**
- Obtain a water supply from a hydrant to supply a fire apparatus
 - Forward and reverse hose lays
 - Supply 1 3/4" and 2 1/2" fire attack hose lines
 - Pumping multiple lines
 - Supply a standpipe
 - Correct a broken line
 - Relay pumping
 - Correct loss of vacuum
 - Supply deck guns and master streams
 - Aerial apparatus placement
 - Aerial apparatus operations
 - Ground ladder placement
 - Ventilation
 - Utility control
 - Forcible entry
 - Search and rescue

**Self-registration in the SMOKE system does not guarantee a seat.
Registration in this course requires approval of Course Manager.**

"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

FMQ20-006

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: Robert Ginther		Pin Number: 550703	Date: 1/27/2020
Host Fire Department: South Oakland Fire Association (SOFA)		County: Oakland	
Applicant Street Address: 18600 West Thirteen Mile Road			
City: Beverly Hills	State: MI	Zip Code: 48025	Email: rginther@beverlyhillspolice.com
Applicant Phone Number: (248) 540-3417		Alternate Number: (248) 721-0758	

SECTION II

Seminar/Course Name: SOFA Basic Fire Equipment Operator	
Instructor(s): SOFA Instructors	Instructor Email/URL: rginther@beverlyhillspolice.com
Instructor Phone Number: (248) 721-0758	Flyer Attached: <input checked="" type="checkbox"/>

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

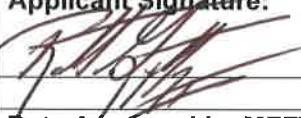
The Basic Fire Equipment Operator course will provide students the opportunity to improve and enhance their pump operation skills through both lecture and practical training. Students will participate in scenarios that involve problem solving in an effort to maximize the effectiveness of the fire apparatus on a fire ground.

Topics include: Obtain a water supply from a hydrant to supply a fire apparatus, Supply fire attack hose lines, 1 3/4" and 2 1/2", Supply deck guns and master streams, Supply a stand pipe, Correct a broken line, Correct loss of vacuum, Relay pumping, Forward and Reverse hose lays, Pumping multiple lines

Applicable NFPA Standard(s): NFPA-1002, NFPA-1410, NFPA-1901

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

Applicant Signature: 	Date: 1/27/2020	
BFS USE ONLY		
Date Approved by MFFTC:	"Q" Course Number Assigned	Date Course Catalog Updated



South Oakland Fire Association

18600 West Thirteen Mile – Beverly Hills – MI – 48025

Phone: (248) 540-3417 – Fax: (248) 540-3437

Lesson Plan

COURSE NAME: SOFA Basic Fire Equipment Operator

SUBMITTED BY: Robert Ginther, SMOKE #550703

FORMAT: Lecture/Practical

COURSE HOURS: 8

COURSE CODE: TBD

COURSE DATE: TBD

COURSE TIME: TBD

DESCRIPTION: The Basic Fire Equipment Operator course will provide students the opportunity to improve and enhance their pump operation skills through both lecture and practical training. Students will participate in scenarios that involve problem solving in an effort to maximize the effectiveness of the fire apparatus on a fire ground.

OBJECTIVES: At the end of this session, the student will have the ability to:

- I. Obtain a water supply from a hydrant to supply a fire apparatus
- II. Forward and reverse hose lays
- III. Supply 1 3/4" and 2 1/2" fire attack hose lines
- IV. Pumping multiple lines
- V. Supply deck guns and master streams
- VI. Supply a standpipe
- VII. Correct a broken line
- VIII. Relay pumping
- IX. Correct loss of vacuum

EVALUATIONS: The following methods will be utilized to evaluate both the students and instructors

- I. A debriefing will take place at the end of each station to review content and execution methods in order to ensure that students are comprehending the material.
- II. A course evaluation which will review class content and presentation methods will be filled out by the course participants.



South Oakland Fire Association

TRAINING NOTICE

BASIC FIRE EQUIPMENT OPERATOR

COURSE NAME: Basic Fire Equipment Operator

COURSE DATE: TBD

COURSE TIME: TBD

COURSE CODE: TBD

COURSE COST: TBD

REGISTRATION: Contact Course Manager

LOCATON: Beverly Hills Public Safety Department
18600 West Thirteen Mile Road
Beverly Hills, MI 48025

CONTACT: Robert Ginther
Beverly Hills Public Safety Department
18600 West Thirteen Mile Road
Beverly Hills, MI 48025

PHONE: (248) 540-3417

E-MAIL: rginther@beverlyhillspolice.com

DESCRIPTION: The Basic Fire Equipment Operator course will provide students the opportunity to improve and enhance their pump operation skills through both lecture and practical training. Students will participate in scenarios that involve problem solving in an effort to maximize the effectiveness of the fire apparatus on a fire ground.

- TOPICS INCLUDE:**
- Obtain a water supply from a hydrant to supply a fire apparatus.
 - Supply fire attack hose lines, 1 3/4" and 2 1/2 "
 - Supply deck guns and master streams
 - Supply a stand pipe
 - Correct a broken line
 - Correct loss of vacuum
 - Relay pumping
 - Forward and Reverse hose lays
 - Pumping multiple lines

**Self-registration in the SMOKE system does not guarantee a seat.
Registration in this course requires approval of Course Manager.**

"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

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SECTION I

Name of Applicant: Robert Ginther		Pin Number: 550703	Date: 1/27/2020
Host Fire Department: South Oakland Fire Association (SOFA)		County: Oakland	
Applicant Street Address: 18600 West Thirteen Mile Road			
City: Beverly Hills	State: MI	Zip Code: 48025	Email: rginther@beverlyhillspolice.com
Applicant Phone Number: (248) 540-3417		Alternate Number: (248) 721-0758	

SECTION II

Seminar/Course Name: SOFA Advanced Fire Ground Resource Management	
Instructor(s): SOFA Instructors	Instructor Email/URL: rginther@beverlyhillspolice.com
Instructor Phone Number: (248) 721-0758	Flyer Attached: <input checked="" type="checkbox"/>

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

The Advanced Fire Ground Resource Management course will provide students the opportunity to improve and enhance their abilities to manage resources on the fire ground of large scale incidents and 2nd or subsequent alarms through both lecture and table top exercises. Students will participate in scenarios that involve problem solving in an effort to maximize their effectiveness as an incident commander on a fire ground.

Topics include: Managing the fire ground and applicable radio traffic for a Box Alarm and a 2nd or subsequent Alarm

Applicable NFPA Standard(s): NFPA-1002, NFPA-1410, NFPA-1620, NFPA-1710, NFPA-1720

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

Applicant Signature: 	Date: 1/27/2020
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BFS USE ONLY

Date Approved by MFFTC:	"Q" Course Number Assigned	Date Course Catalog Updated
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South Oakland Fire Association

18600 West Thirteen Mile – Beverly Hills – MI – 48025

Phone: (248) 540-3417 – Fax: (248) 540-3437

Lesson Plan

COURSE NAME: SOFA Advanced Fire Ground Resource Management

SUBMITTED BY: Robert Ginther, SMOKE #550703

FORMAT: Lecture/Practical

COURSE HOURS: 8

COURSE CODE: TBD

COURSE DATE: TBD

COURSE TIME: TBD

DESCRIPTION: The Advanced Fire Ground Resource Management course will provide students the opportunity to improve and enhance their abilities to manage resources on the fire ground of large scale incidents and 2nd or subsequent alarms through both lecture and table top exercises. Students will participate in scenarios that involve problem solving in an effort to maximize their effectiveness as an incident commander on a fire ground.

OBJECTIVES: At the end of this session, the student will have the ability to:

- I. Manage the fire ground and applicable radio traffic for a Box Alarm
- II. Manage the fire ground and applicable radio traffic for a 2nd or subsequent Alarm

EVALUATIONS: The following methods will be utilized to evaluate both the students and instructors

- I. A debriefing will take place at the end of each station to review content and execution methods in order to ensure that students are comprehending the material.
- II. A course evaluation which will review class content and presentation methods will be filled out by the course participants.



South Oakland Fire Association

TRAINING NOTICE

ADVANCED FIRE GROUND RESOURCE MANAGEMENT

COURSE NAME: Advanced Fire Ground Resource Management

COURSE DATE: TBD

COURSE TIME: TBD

COURSE CODE: TBD

COURSE COST: TBD

REGISTRATION: Contact Course Manager

LOCATON: Beverly Hills Public Safety Department
18600 West Thirteen Mile Road
Beverly Hills, MI 48025

CONTACT: Robert Ginther
Beverly Hills Public Safety Department
18600 West Thirteen Mile Road
Beverly Hills, MI 48025

PHONE: (248) 540-3417

E-MAIL: rginther@beverlyhillspolice.com

DESCRIPTION: The Basic Fire Ground Resource Management course will provide students the opportunity to improve and enhance their abilities to manage resources on the fire ground through both lecture and table top exercises. Students will participate in scenarios that involve problem solving in an effort to maximize their effectiveness as an incident commander on a fire ground.

TOPICS INCLUDE:

- Manage the fire ground and applicable radio traffic for a Box Alarm
- Manage the fire ground and applicable radio traffic for a 2nd or subsequent Alarm

**Self-registration in the SMOKE system does not guarantee a seat.
Registration in this course requires approval of Course Manager.**

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: Robert Ginther		Pin Number: 550703	Date: 1/27/2020
Host Fire Department: South Oakland Fire Association (SOFA)		County: Oakland	
Applicant Street Address: 18600 West Thirteen Mile Road			
City: Beverly Hills	State: MI	Zip Code: 48025	Email: rginther@beverlyhillspolice.com
Applicant Phone Number: (248) 540-3417		Alternate Number: (248) 721-0758	

SECTION II

Seminar/Course Name: SOFA Basic Fire Ground Resource Management	
Instructor(s): SOFA Instructors	Instructor Email/URL: rginther@beverlyhillspolice.com
Instructor Phone Number: (248) 721-0758	Flyer Attached: <input checked="" type="checkbox"/>

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

The Basic Fire Ground Resource Management course will provide students the opportunity to improve and enhance their abilities to manage resources on the fire ground through both lecture and table top exercises. Students will participate in scenarios that involve problem solving in an effort to maximize their effectiveness as an incident commander on a fire ground.

Topics include: Managing the fire ground and applicable radio traffic for a Station Alarm, Full Alarm and Box Alarm

Applicable NFPA Standard(s): NFPA-1002, NFPA-1410, NFPA-1620, NFPA-1710, NFPA-1720

Class Capacity: 20	Total Hours of Training: 4
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SECTION III

Applicant Signature: 	Date: 1/27/2020
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BFS USE ONLY

Date Approved by MFFTC:	"Q" Course Number Assigned	Date Course Catalog Updated
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South Oakland Fire Association

18600 West Thirteen Mile – Beverly Hills – MI – 48025

Phone: (248) 540-3417 – Fax: (248) 540-3437

Lesson Plan

COURSE NAME: SOFA Basic Fire Ground Resource Management

SUBMITTED BY: Robert Ginther, SMOKE #550703

FORMAT: Lecture/Practical

COURSE HOURS: 4

COURSE CODE: TBD

COURSE DATE: TBD

COURSE TIME: TBD

DESCRIPTION: The Basic Fire Ground Resource Management course will provide students the opportunity to improve and enhance their abilities to manage resources on the fire ground through both lecture and table top exercises. Students will participate in scenarios that involve problem solving in an effort to maximize their effectiveness as an incident commander on a fire ground.

OBJECTIVES: At the end of this session, the student will have the ability to:

- I. Manage the fire ground and applicable radio traffic for a Station Alarm
- II. Manage the fire ground and applicable radio traffic for a Full Alarm
- III. Manage the fire ground and applicable radio traffic for a Box Alarm

EVALUATIONS: The following methods will be utilized to evaluate both the students and instructors

- I. A debriefing will take place at the end of each station to review content and execution methods in order to ensure that students are comprehending the material.
- II. A course evaluation which will review class content and presentation methods will be filled out by the course participants.



South Oakland Fire Association

TRAINING NOTICE

BASIC FIRE GROUND RESOURCE MANAGEMENT

COURSE NAME: Basic Fire Ground Resource Management

COURSE DATE: TBD

COURSE TIME: TBD

COURSE CODE: TBD

COURSE COST: TBD

REGISTRATION: Contact Course Manager

LOCATON: Beverly Hills Public Safety Department
18600 West Thirteen Mile Road
Beverly Hills, MI 48025

CONTACT: Robert Ginther
Beverly Hills Public Safety Department
18600 West Thirteen Mile Road
Beverly Hills, MI 48025

PHONE: (248) 540-3417

E-MAIL: rginther@beverlyhillspolice.com

DESCRIPTION: The Basic Fire Ground Resource Management course will provide students the opportunity to improve and enhance their abilities to manage resources on the fire ground through both lecture and table top exercises. Students will participate in scenarios that involve problem solving in an effort to maximize their effectiveness as an incident commander on a fire ground.

TOPICS INCLUDE:

- Manage the fire ground and applicable radio traffic for a Station Alarm
- Manage the fire ground and applicable radio traffic for a Full Alarm
- Manage the fire ground and applicable radio traffic for a Box Alarm

**Self-registration in the SMOKE system does not guarantee a seat.
Registration in this course requires approval of Course Manager.**

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: Mark Cleveland		Pin Number: 579645	Date: 01/20/2020
Host Fire Department: Egelston Township Fire			County: Muskegon
Applicant Street Address: 5380 E. Apple Ave.			
City: Muskegon	State: MI	Zip Code: 49442	Email: cleveland.marka@gmail.com
Applicant Phone Number: 5173669963		Alternate Number: 2317882254	

SECTION II

Seminar/Course Name: Rapid Intervention Teams Awareness and operations	
Instructor(s): On Scene Training Associates	Instructor Email/URL: onscenetraining.com
Instructor Phone Number: 609-743-0166	Flyer Attached: <input type="checkbox"/>

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

Firefighter Survival - More Than a Few Buzzwords: This course is designed to provide each student with a 3 hour lecture and either 1 or 2 days of hands-on Firefighter Survival training (depending on the fire department's choice). Our program provides the firefighter with street-tested techniques to prevent or escape a firefighter injury or fatality. Evolutions will include but are not limited to FF Disorientation, Breaching, Disentanglement, Rapid upper floor window exits, Reduced Profiling methods, and a Mask Confidence Course. Every active interior firefighter is recommended to take this training. All evolutions can be tailored to the fire department's specific needs. NOTE- This course involves extreme physical activity.

No Flyer attached as we are just getting the curriculum approved at this time.

Approximate cost \$10,000.00 - 12,000.00 depending 1 or 2 days H.O.T.

Maintaining 1:7 Instructor to student ration class maximum 35

Applicable NFPA Standard(s): 1407/1500

Class Capacity: 40	Total Hours of Training: 11 -19
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SECTION III

Applicant Signature: 	Date: 01/20/2020
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BFS USE ONLY

Date Approved by MFFTC:	"Q" Course Number Assigned	Date Course Catalog Updated
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"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: Mark Cleveland		Pin Number: 579645	Date: 01/20/2020
Host Fire Department: Egelston Township Fire			County: Muskegon
Applicant Street Address: 5380 E. Apple Ave.			
City: Muskegon	State: MI	Zip Code: 49442	Email: cleveland.marka@gmail.com
Applicant Phone Number: 5173669963		Alternate Number: 2317882254	

SECTION II

Seminar/Course Name: Engine/Truck Hands on Training	
Instructor(s): On Scene Training Associates	Instructor Email/URL: onscenettraining.com
Instructor Phone Number: 609-743-0166	Flyer Attached: <input type="checkbox"/>

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

This course is designed to provide personnel with extensive hands-on evolutions that will include Engine Company operations such as basic pre-connected hoseline operations, 2 1/2" hoseline operations, hose movement to upper floors, standpipe hook-ups and operations, extended hose stretches, multiple hoseline operations, and live fire attack as an operating engine company. The Truck Company portion of the course will include portable ladders, search techniques, ventilation / roof operations, vent, enter, search techniques, and several techniques for short-staffed crews.

No Flyer attached as we are just getting the curriculum approved at this time.

Cost: \$10,000.00 - \$15,000.00 depending if 1 or 2 days of H.O.T. and if live fire evolutions or not will depend on either 1:5 or 1:7 ratio.

Applicable NFPA Standard(s): 1410/1001

Class Capacity: 40

Total Hours of Training: 11-19

SECTION III

Applicant Signature: 	Date: 01/20/2020
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BFS USE ONLY

Date Approved by MFFTC:	"Q" Course Number Assigned	Date Course Catalog Updated
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"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: John Cieslik		Pin Number: 572295	Date: 1/24/2020
Host Fire Department: Rochester Fire Department			County: Oakland
Applicant Street Address: 277 East second Street			
City: Rochester	State: Michigan	Zip Code: 18307	Email: jcieslik@rochestermi.org
Applicant Phone Number: 248-651-4470		Alternate Number: 248-651-4554	

SECTION II

Seminar/Course Name: Confined Space Rescue Awareness	
Instructor(s): Online Program	Instructor Email/URL: vanholstyn@ersintl.org
Instructor Phone Number: 616-299-5772	Flyer Attached: <input type="checkbox"/>


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

This course is designed to provide Confined Space Rescue training at the Awareness Level. After completing this program, participants will be able to: (1) Perform initial size-up of an incident; (2) Recognize when an incident has unique hazards; (3) Take defensive actions; (4) Summon resources that can take definitive actions; and (5) Perform support functions at a technical rescue incident. This course is currently being offered at no charge through MUSAR and ERS International. The online program is located at _____. Knowledge checks occur throughout the Introduction and four modules of the course. In order to receive a certificate, participants must score 80% on the final 10 question quiz.

Applicable NFPA Standard(s): NFPA 1006, Standard for Technical Rescue Personnel Professional Qualifications

Class Capacity: Not applicable	Total Hours of Training: 1.0
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SECTION III

Applicant Signature: 	Date: 1/24/2020	
BFS USE ONLY		
Date Approved by MFFTC:	"Q" Course Number Assigned	Date Course Catalog Updated

"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: Brian R Stalsonburg		Pin Number: 569052	Date: 01/24/2020
Host Fire Department: Alpine Township Fire Dept.			County: Kent
Applicant Street Address: PO Box 1100			
City: Grand Rapids	State: MI	Zip Code: 49501	Email: B.Stals@BDI-Training.com
Applicant Phone Number: (616)366-6773		Alternate Number: (844)213-6541	

SECTION II

Seminar/Course Name: Tactical Emergency Casualty Care (TECC)	
Instructor(s): Bad Day Industries, LLC Instructors	Instructor Email/URL: b.stals@bdi-training.com
Instructor Phone Number: (616)710-1443	Flyer Attached: <input checked="" type="checkbox"/>

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

Please see attached course description & syllabus. Detailed course expenses are also attached.

Q69D & Q69F are already TECC approved Q courses, however those listed instructors do not provide education under Bad Day Industries LLC.

Applicable NFPA Standard(s): NFPA 3000

Class Capacity: 20

Total Hours of Training: 16

SECTION III

Applicant Signature: 	Date: 01/28/2020
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Date Approved by MFFTC:	"Q" Course Number Assigned	Date Course Catalog Updated
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Tactical Emergency Casualty Care (TECC)

16-Hour Provider Course



Course dates:

TBD

Course Location:

TBD

Cost: \$300

Fees cover: Course registration & materials

At the conclusion of this course, the student will be awarded a TECC provider certificate (valid for three years). This course is pre-approved for 16 hours of CE's by the MDHHS-BETP for all levels of EMS licensure.

This course is pending approval by the MFFTC for possible funding through County Training Committees.



The TECC (Tactical Emergency Casualty Care) program is based on the more commonly known TCCC (Tactical Combat Casualty Care) program utilized by all of America's warfighting clinicians. This 16 hour program focuses on the skills necessary to preserve life in order to move the casualty to higher echelons of care. The Bad Day Industries TECC course utilizes the NAEMT program and follows the latest C-TECC guidelines. It is based firmly on good operational practice.

Students will master the following skills during the course:

- Hemorrhage control using limb tourniquets, pressure dressings, and wound packing – all under simulated stress.
- Airway management, as appropriate for the austere scenarios.
- Casualty Movement
- Decision making under pressure.
- Selection, set up, and development of Casualty Collection Point.

For more information or to register, visit:

www.BDI-Training.com/TECC



"Advancing the art and science of providing good medicine in bad situations"



Base Information

Student : Instructor Ratio	5 :1	Instructor Rate	\$ 30.00
Number of Classroom Hours	18	Coordinator Rate	\$ 40.00
	0	Coordinator Hours	5
Number of Instructional Cadre Needed	4	Adjunct Cadre Rate	\$ 20.00
Number of Adjunct Cadre Needed	2		
Number of Students	20		
Total Honorarium Units	72		
		Cadre (non-instructors)	\$ 720.00
		Honorarium SubTotal	\$ 3,080.00

Overhead Expenses

Consumable Supplies	\$ 500.00	\$ 500.00
Program Manager Fee	\$ 200.00	
Organizational Overhead	\$ 200.00	\$ 200.00
Insurance	\$ 100.00	
Travel	\$ 120.00	\$ 120.00
Equipment Depreciation	\$ 500.00	\$ 500.00
Overhead Sub-Total	\$ 1,620.00	\$ 1,620.00

Individual Student Expenses

Textbooks	\$ 20.00	\$ 400.00
Refreshments	\$ 10.00	\$ 200.00
State/National Fee's	\$ 15.00	\$ 300.00
Training Tourniquet	\$ -	
Copying/Postage	\$ 5.00	\$ 100.00
Per Student Honorarium Cost	\$ 154.00	\$ 3,080.00
Per Student Overhead Cost	\$ 81.00	\$ 1,620.00
Total	\$ 285.00	\$ 5,700.00

Per Student Charge	\$ 300.00	\$ 6,000.00
Profit/Loss	\$ 15.00	\$ 300.00



Tactical Emergency Casualty Care - Course Budget

Base Information

Student : Instructor Ratio	5 :1	Instructor Rate	\$ 55.00
Number of Classroom Hours	18	Coordinator Rate	\$ 60.00
	0	Coordinator Hours	6
Number of Instructional Cadre Needed	4	Adjunct Cadre Rate	\$ 25.00
Number of Adjunct Cadre Needed	2		
Number of Students	20		
Total Honorarium Units	72		
		Cadre (non-instructors)	\$ 900.00
		Honorarium SubTotal	\$ 5,220.00

Overhead Expenses

Consumable Supplies	\$ 500.00	\$ 500.00
Organizational Overhead	\$ 200.00	\$ 200.00
Insurance	\$ 200.00	
Travel	\$ 200.00	\$ 200.00
Equipment Depreciation	\$ 500.00	\$ 500.00
Overhead Sub-Total	\$ 1,600.00	\$ 1,600.00

Individual Student Expenses

Textbooks	\$ 20.00	\$ 400.00
Refreshments	\$ 10.00	\$ 200.00
State/National Fee's	\$ 15.00	\$ 300.00
Training Tourniquet	\$ -	
Copying/Postage	\$ 5.00	\$ 100.00
Per Student Honorarium Cost	\$ 261.00	\$ 5,220.00
Per Student Overhead Cost	\$ 80.00	\$ 1,600.00
Total	\$ 391.00	\$ 7,820.00

Per Student Charge	\$ 300.00	\$ 6,000.00
Profit/Loss	\$ (91.00)	\$ (1,820.00)



NAEMT

Tactical Emergency Casualty Care



Day 1

0800 – Welcome & Course Administration
0830 – Lesson 1: Introduction to TECC
0900 – Lesson 2: Direct Threat Care
0930 – Skills Lab 1
 Casualty Movement
 Limb Tourniquets
1045 – Lesson 3: Indirect Threat Care 1
1145 – Lunch Served
1200 – New Equipment Presentation (During Lunch)
1230 – Skills Lab 2
 Wound Packing
 Limb Tourniquets
1345 – Lesson 4: Indirect Threat Care 2
1415 – Lesson 5: Indirect Threat Care 3
1500 – Lesson 6: Indirect Threat Care 4
1545 – Skills Lab 3
 Airway
 Chest Seal
 Chest Decompression
 Pt Assessment
1700 – Day 1 Review
 Questions
 Conclusion

Day 2

0800 – Welcome
 Administration
 Logistics for FTX
0815 – Lesson 7: Indirect Threat 5
0900 – Lesson 8: Evacuation Care
0945 – Lesson 9: Triage
1015 – Skills Lab 4
 Triage
 Pain Management
 Vascular Access
1115 – Review
1130 – Final Written Exam
1200 – Lunch Served
1215 – Armor/PPE Presentation (During Lunch)
1245 – Instructions for the Afternoon
1300 – Rendezvous at FTX site
1315 – Skills Lab 5
1415 – Patient Simulation: All Three Threat Stages
1515 – Final Evaluation Stations
1600 – Final Field Training Exercise
1700 – Hot Wash/Debrief of Exercise
1730 – Review and wrap-up

Tactical Emergency Casualty Care (TECC) Fire Service Specific Program

Note from the Cadre

Our team feels that in this uncertain world it is vitally important for all responders to be prepared for emergencies at all levels. From law enforcement to Fire/Rescue and EMS there are versions of this program to serve their specific needs. The program we propose is one specific to the fire service that follows the Committee on Tactical Emergency Casualty Care (C-TECC) guidelines for casualty care and coincides with programs used to prepare law enforcement and the higher echelons of medical care. This program utilizes the specific experiences and culture of the fire service to prepare students to respond to any emergency in their community by utilizing an all hazards approach to prepare our communities bravest to mitigate the new threats facing our responders today. We feel strongly that it is important for our brothers and sisters in the fire service to have the tools and education they need to answer the call.

Our goal is to make the appropriate resources available to the departments in our great state to allow them to better afford for their members to attend this training or host the course at their own department. Given the typical fiscal situation at many departments across the state, it is important that department members receive high quality, value driven education that better prepares not only the fire service for emergencies, but improves the resiliency and bolsters the preparedness of the communities they so proudly serve.

Program Description

The Tactical Emergency Casualty Care Course (TECC) is a 16-hour course geared for fire department members. This course takes a systematic approach to all hazards response, including active assailant, structural collapse, natural disasters, and all other less-permissive environment situations. This program focuses on the physiologic and psychological elements to improve human performance factors in those responding to critical incidents by utilizing elements of stress inoculation, cognitive off-loading, well-calibrated muscle memory, and fine-tuned tactical decision making. This course stresses resource management through unified incident command standards as set forth by the National Incident Management System.

The TECC course follows the guidelines of care produced by the C-TECC. TECC is based on the core concepts and principles of the 20-year old Tactical Combat Casualty Care (TCCC) standard for all US armed forces. The evidence based standards have decreased the mortality of our service members in combat to less than 10%. The methods utilized in combat have been translated to civilian practice by the C-TECC, who meet bi-annually to review the guidelines and make changes based on current practice, research, and input from responders, physicians, and other public safety professionals. Students will also practice and demonstrate emergency medical skills, evacuation methods, patient transport, triage, prolonged field care, and resource management in an all-encompassing team building environment.

Students will be encouraged to remain alert in their responses to all types of emergencies by equipping them with techniques, tactics, and knowledge. Fire Fighters will learn to apply their current skill sets and experience assessing threat levels and crew needs on the fire ground to the more diverse and dynamic scenarios they are now being asked to respond to. Students will learn to modify tactical decisions at the company and command levels to ensure safety and operational effectiveness, providing essential services to their communities and mutual aid partners.

After-action reports from many of the national and international incidents involving large losses of life point to the lack of immediate lifesaving interventions provided by first responders. Fire fighters are capable of immediate control of life-threatening hemorrhage, which is of utmost importance, as often definitive care is not an immediate option. It has been shown time and time again that first responders will predictably be faced with managing these patients for much longer than traditionally expected. This is generally a new challenge for our Fire fighters, one that modern responders must be prepared for in advance.

This course aligns with the recommendations of NFPA 3000, while specifically following the guidelines set forth by the Committee on Tactical Emergency Casualty Care.

Program scope

1. With the recent events occurring regarding active shooter and terrorism incidents across the United States, this course addresses the incident stabilization and mitigation of injured parties where fire department personnel will be involved in the incidents.
2. The C-TECC guidelines, and historical data suggest that fire departments, being properly educated and equipped to mitigate these incidents, have the propensity to protect life and property, fitting the goals of the fire service.
3. Fire Department members will receive education on the phases of care, personal and team safety, incident command and accountability, and situational awareness.
4. Program attendees will participate in scenarios simulating terrorist events, natural disasters, and other austere environment situations. This will create muscle memory, better preparing firefighters to respond to such incidents.

Course Objectives

1. Differentiate between direct threat and indirect threat phases of care.
2. Identify appropriate locations for casualty collection points.
3. Demonstrate the mobilization of a casualty collection point.
4. Describe key factors influencing casualty care.
5. Describe the three phases of tactical casualty care.
6. Apply the principles and guidelines published by the C-TECC.
7. Demonstrate techniques that can extricate casualties to safer environments.
8. Analyze simulated scenarios for phase of care and demonstrate appropriate
9. Demonstrate appropriate application of tourniquet to self or others under duress.
10. Explain why minimal trauma interventions are warranted in the direct threat phase of care.
11. Understand the differences between austere tactical decision making and standard practice.
12. Understand when to utilize the concepts covered in this class (limited to scope of provider)
13. Describe the key factors influencing casualty care.
14. Describe the phases of tactical casualty care.
15. Describe the role of the firefighter in the rescue taskforce models.
16. Understand key concepts in on-going scene assessment to ensure appropriate risk management and mitigation.
17. Demonstrate techniques that can be used to quickly move casualties to cover.
18. Explain the rationale for early use of a tourniquet to control life-threatening bleeding from an extremity.
19. Demonstrate the appropriate application of a tourniquet to the arm and leg.
20. Explain why minimal trauma interventions are warranted in the direct threat phase of care.
21. Describe airway control techniques and devices appropriate to the Tactical Field Care phase.

22. Describe the diagnosis and initial treatment of tension pneumothorax in the tactical situation.
23. Demonstrate the appropriate procedure for needle decompression of the chest.
24. Describe the progressive strategy for controlling hemorrhage in Indirect Threat Care.
25. Demonstrate the correct application of hemostatic gauze.
26. State the relevant indicators of shock in tactical settings.
27. Describe the prehospital fluid resuscitation strategy for hemorrhagic shock in tactical situation casualties.
28. Discuss the management of burns in indirect threat care.
29. Recognize how acute stress reactions effect the performance of first responder's duties.
30. Demonstrate methods of mitigating acute stress in critical situations to perform necessary tasks.

"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: Brian R Stalsonburg		Pin Number: 569052	Date: 01/24/2020
Host Fire Department: Alpine Township Fire Dept.			County: Kent
Applicant Street Address: PO Box 1110			
City: Grand Rapids	State: MI	Zip Code: 49501	Email: B.Stals@BDI-Training.com
Applicant Phone Number: (616)366-6773		Alternate Number: (844)213-6541	

SECTION II

Seminar/Course Name: Rescue Task Force - 4 hour program	
Instructor(s): Bad Day Industries, LLC Instructors	Instructor Email/URL: www.baddayindustries.com
Instructor Phone Number: (616)710-1443	Flyer Attached: <input checked="" type="checkbox"/>

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


Please see attached course description & syllabus. Detailed course expenses are also attached.

Applicable NFPA Standard(s): NFPA 3000

Class Capacity: 20

Total Hours of Training: 4

SECTION III

Applicant Signature: 	Date: 01/24/2020
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BFS USE ONLY

Date Approved by MFFTC:	"Q" Course Number Assigned	Date Course Catalog Updated
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RESCUE TASK FORCE (RTF)

4 Hour Provider Course

Course dates:

TBD

Course Location:

TBD

Cost: \$125.00

Fees cover: Course registration & materials

At the conclusion of this course, the student will receive 4 hours of CEU's for EMS licensure.

This course is pending approval by the MFFTC for possible funding through County Training Committees.



Course Description

This course will expand your understanding of rescue task force concepts for active shooter, terrorist or mass casualty incidents with the goal of saving lives.

The course is designed for tactically minded professionals from law enforcement, fire, and medical fields. RTF concepts combine the integration of Police and Fire/EMS, working within a warm zone to get immediate medical care to victims in these events.

Training topics will include:

- RTF concepts
- TECC (Tactical Emergency Critical Care)
- Critical Incident Management
- Unified Command and ICS
- Team integration and movement
- PPE
- Skill stations and scenarios with role players

*This course is based upon the ITOA/MABAS
Division 3 RTF program*



For more information or to register, visit:

www.BDI-Training.com/RTF



"Advancing the art and science of providing good medicine in bad situations"



Base Information

Student : Instructor Ratio	5 :1	Instructor Rate	\$ 30.00
Number of Classroom Hours	4	Coordinator Rate	\$ 50.00
	0	Coordinator Hours	2
Number of Instructional Cadre Needed	4	Adjunct Cadre Rate	\$ 20.00
Number of Adjunct Cadre Needed	2		
Number of Students	20		
Total Honorarium Units	16		
Cadre (non-instructors)		\$	160.00
Honorarium SubTotal		\$	740.00

Overhead Expenses

Consumable Supplies	\$ 100.00	\$	100.00
Organizational Overhead	\$ 200.00	\$	200.00
Insurance	\$ 100.00		
Travel	\$ 100.00	\$	100.00
Equipment Depreciation	\$ 250.00	\$	250.00
Overhead Sub-Total	\$ 750.00	\$	750.00

Individual Student Expenses

Textbooks	\$ -	\$	-
Refreshments	\$ 5.00	\$	100.00
State/National Fee's	\$ -	\$	-
Training Tourniquet	\$ -		
Copying/Postage	\$ -	\$	-
Per Student Honorarium Cost	\$ 37.00	\$	740.00
Per Student Overhead Cost	\$ 37.50	\$	750.00
Total	\$ 79.50	\$	1,590.00

Per Student Charge	\$ 125.00	\$	2,500.00
Profit/Loss	\$ 45.50	\$	910.00



CME Lesson Plan

Topic:	Rescue Task Force Training	Date(s):	Various
Presenter(s):	Various		
Credit Category:	<ol style="list-style-type: none"> 1. Operations 2. Trauma 3. Patient Assessment 4. Preparatory 	Specific Topic:	<ol style="list-style-type: none"> 1. Emergency Preparedness 2. Multi System Trauma 3. Triage Assessment 4. Patient Movement
License Level(s):	MFR – EMT – Spec - Medic	# Credits:	4
Objectives:	<ol style="list-style-type: none"> 1. Demonstrate appropriate control of life-threatening hemorrhage. 2. Demonstrate appropriate care of chest/abdominal wound 3. Select correct order of patients to be evacuated from a hostile event 4. Classify simulated patients according to the START model of triage 5. Select an appropriate CCP based on the simulated situation 6. Demonstrate safe technique in moving with police escorts in hostile events 7. Demonstrate safe technique in extracting simulated patients to the CCP under police escort in hostile events 8. Recognize the reasons to utilize the RTF model 9. Review incident command concepts 		
Presentation Outline	<ol style="list-style-type: none"> I. Introduction II. Violent MCI Events III. RTF Model IV. Massive Hemorrhage V. Chest injuries VI. Movement with Cover VII. Patient Movement VIII. Casualty Collection Point, site selection and setup IX. Triage X. Practice evolutions XI. Questions XII. Conclusions 		
Student Testing:	No formal evaluation of participants will occur.		
Evaluation of Presentation:	Standard program evaluation form will be filled out by participants.		
Rationale for Presentation:	As the RTF model is being rolled out to the entire region, and our county in particular it is important that all our staff operate with the same expectations and plan.		