



**State of Connecticut  
Department of Emergency Services & Public Protection  
Commission on Fire Prevention and Control**

1. **CFDIA June Meeting - Tonight**
2. **Eversource Live-Line Demonstration – During June Fire School – Stop By**
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1. **CFDIA June Meeting – Tonight**

The June 7<sup>th</sup> meeting of the Connecticut Fire Department Instructor's Association will be at the Connecticut Fire Academy at 7pm.

Dave Trebisacci will present information on the NFPA 1408, the standard on the care, use, and training for thermal imagers. This document is the first to assist fire departments and instructors to train members in the proper and safe use of the Imager.

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2. **Eversource Live-Line Demonstration – During June Fire School – Stop By**

On Thursday June 8<sup>th</sup> during June Fire School, Eversource will be providing 2, no-cost live-line demonstrations, at 12:00pm and 12:30pm. These will give first responders and others a graphic demonstration of the dangers associated with fallen power lines and other electricity-related hazards. Most notably perhaps, demonstrators showed what happens when a hot dog comes into contact with over 7,000 volts.



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### **3. Ansonia FD Past Chief Testimonial for Scott Trembley**

There is a Past Chiefs Testimonial planned for Scott Trembley of the Ansonia Fire Department. There is a Luau theme for the event scheduled for June 24th 5pm at the Colonial Tavern in Oxford. Tickets must be purchased by June 20<sup>th</sup>. \$60 per ticket. Contact Assistant Chief Jay Fainer 203-410-3139 or [jayfnrch4@att.net](mailto:jayfnrch4@att.net).

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### **4. Brookfield Hosting Firefighter II Course**

The Brookfield Volunteer Fire Company is hosting a Firefighter II Course starting September 5, 2017 and running through October 19, 2017. Classes will be held on Tuesday and Thursday Nights and some weekend classes. See the attached for additional information and registration or call (203) 775-8132 / email [BVFCTraining@gmail.com](mailto:BVFCTraining@gmail.com). Class is limited to 24 students.

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### **5. Public Fire & Life Safety Education Conference – Save the Date – August 24, 2017**

The Department of Emergency Services and Public Protection in conjunction with the Connecticut Fire Academy are hosting a Public Fire & Life Safety Educator Conference on August 24, 2017. We are planning a full day event with multiple presentations from Fire Prevention and Educational experts from both state and national organizations. The event will begin at 8:00 with presentations starting at 9:00. Some highlights include Meri K Appy from the Vision 20 / 20 project talking about effective safety messages, a side-by-side sprinkler demonstration from the CT Fire Sprinkler Coalition, an overview of the American Red Cross's Smoke Detector and Home Safety Inspection program and many more. The cost for the day is \$25.00 and attendees will qualify for 5 ½ CEU's of Fire Marshal credits. A brochure outlining the entire program will be sent out later in June. Hope to see you there.

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### **6. Gateway Community College Course Offerings**

Gateway Community College is now accepting applications for the Fall 2017 *Fire Technology Associates Degree* and *Fundamental's of Firefighting Program*. Fire Marshal credits are eligible for *Fire Investigation and Fire Protection Systems*.  
Please see attachments.

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### **7. Firefighter Near Miss Report of the Week**

**Foot Caught in Aerial Ladder Rung During Storm Assessment**

## Summary

While performing a storm assessment from an aerial ladder, a firefighter elected to remain at the aerial tip while the ladder repositioned. Crushed toes on one foot were the result. This report highlights the options available for avoiding this injury.

## Event Description

When a storm moved through our area, the deputy chief wanted the truck crew to do a preliminary assessment. The engineer positioned the ladder to allow the firefighter to get a good view of the storm damage and take pictures for additional assessment.

When the firefighter reached the tip of the ladder, he clipped in his harness and began to take pictures. After a few photos, he realized the aerial would need repositioning for additional documentation.

This ladder is equipped with footrests and aerial tip controls for the eventuality of a firefighter on the ladder needing to make adjustments. In this case, the firefighter decided to have the engineer move the ladder from the pedestal controls to avoid unclipping the harness and climbing a few rungs to a safe position. This activity resulted in injured toes and a two-month lost-time injury.

View the Report: [Foot Caught in Aerial Ladder Rung During Storm Assessment](#)

## Take-Aways

The contributing factors from this event include decision making, human error and individual action. The affected firefighter submitted this report, and the practical benefit from this report is to make sure it doesn't happen to others.

The injured firefighter stated there was a violation of policy by failing to control the ladder from the tip. Human error in the form of complacency and not moving to the safety platform or descending the ladder before moving was noted as well.

In many of the models that evaluate human factors, there are layers of defense that help prevent injuries. Departmental culture, supervision and individual actions are a few of the layers mentioned. When an injury occurs, each layer is subject to evaluation to determine alternative preventive measures that may help prevent future injuries. Policies designed to mandate the use of safety equipment are an example.

In this instance, the deputy chief requested the crew to photograph a wide area of storm damage at 1 AM. Each member of the crew had the opportunity to intervene before the ladder was moved, and an additional opportunity was present in suggesting the crew wait for morning to assess the conditions.

## Discussion

- Identify and review the policies your department has for operating aerial ladders, towers and platforms.
- Do you have footrests or tip controls on your aerial ladders?
- Does your department have formal training programs for ladder operators?
- When you've trained on aerial operations, was there a safety briefing? Based on this report, should you modify the safety briefing?

How does your department document operator training?

## Leading Practices

The report indicated that safety features were provided but not used, and a violation of departmental SOPs occurred because the tip controls weren't used when the aerial was moved with personnel on the ladder. The human errors involving individual action, supervision and crew resource management (CRM) are discussed below.

Given the early hour of this event, it's possible the crew wanted to complete the task and return to quarters. The report mentioned that the firefighter at the tip was only a few rungs from a safe position. He said it would be faster to remain in place while the operator moved the ladder. This could indicate the human-error conditions generally characterized as haste or possibly channelized attention.

The controls for the ladder are located in a safe spot where footrests can prevent this type of injury. With regard to SOP violations, there was a discussion between the operator and the firefighter about how to proceed. Our role as supervisors is to monitor the activities of the crew.

The concepts associated with CRM would have allowed for collaboration, but also would have encouraged any member to discuss the action plan, suggest alternatives and voice concerns about situational awareness. The force-multiplying benefit of CRM could have also aided in decision-making and prevented this event's outcome.

## Related Near Miss Reports

- [FF Injured while Working on Aerial](#)
- [FF's Boot Crushed as Aerial Is Retracted](#)
- [FF Injured when Ladder Was Elevated](#)
- [Retracted Ladder Pins Firefighters Foot](#)

## Additional Resources

- [Report Summary: U.S. Firefighter Injuries in 2011](#)
- [NIOSH LODD Report: Two Career Fire Fighters Die after Falling from Elevated Aerial Platform – Texas](#)
- [Firehouse.com Article: Captain Seriously Injured, Mayday Called at Toronto House Fire](#)
- [Firerescue1.com Article: Firefighter's Family Sues over Texas Aerial Training LODD](#)

**PLEASE DO NOT REPLY TO THIS EMAIL**



## **Fundamentals of Firefighting Certificate Program**

### **Firefighter I & II, including EMT-B**

This is a college level certificate program consisting of 24 fully accredited (NEASC) approved coursework. The program is designed to train students to the firefighter I & II levels, along with Emergency Medical Technician (EMT) curriculum. Upon completion of both lecture and practical training, students will be eligible to sit for State of Connecticut certification exams for FF I & FFII. In addition, successful completion of the Emergency Medical Technician program will prepare the student for certification through the National Registry. The program is also designed to prepare students for the complex process of navigating both written and oral board testing procedures used by most municipal fire departments. Finally, this two (2) semester program will condition the student physically by including a health and fitness class designed to increase the student's knowledge of health and fitness while training in preparation for the State of Connecticut CPAT certification.

#### **Who is eligible?**

Students must be at least 18 years old and hold a High School Degree or GED. Potential students must take an entrance exam through Gateway Community College. Remediation classes are available for those students who do not meet the minimum passing grade for matriculation into this program.

#### **Do I have to be a member of a Fire Department?**

NO. This program is designed for both affiliated fire department members and non-affiliated students. Gateway Community College offers resources for the rental of all the necessary gear and equipment needed to participate in this program. Current members may use their department issued gear with written permission from their department's Fire Chief.

#### **Am I covered if I get injured?**

Yes. Gateway Community College holds the insurance policy for injury claims for all of its students. However, students must have a physical examination by their own medical provider prior to admittance.

#### **How long does this program run?**

The entire program spans two (2) semesters beginning in the fall of each academic calendar year and ends with the concurrent academic spring calendar.

#### **Do I have to take all of the classes?**

No. The certificate program is designed to be taken in its entirety. This is the only means of achieving the 24 college credits with the associated academic certificate. Student enrollment process will give priority to those students who are fully matriculating into the program. However, student can register for individual courses if space is available and all prerequisites are met.



### **How much does the program cost?**

Each class is priced based on its credit hours plus any school fees. Gear, equipment and books must be provided for, or purchased by the student. There are several rental companies that will supply NFPA approved Personal Protective Equipment (PPE) that can be used throughout the program. It is the student's responsibility to obtain properly fitted and fully compliant PPE prior to the start of class. Shipping and returned equipment to the rental agency is also the responsibility of the student.

### **Where is the class being held?**

Class lectures are held at Gateway Community College downtown campus. Saturday practical training evolutions will be held at the New Haven Regional Fire Training Academy. Transportation to and from all locations are the responsibility of the student. Times, dates and room locations will be placed on the schools scheduling website.

### **Who teaches these courses?**

All courses are taught by experienced and certified career firefighters chosen from throughout New Haven County. Instructors are selected through a rigorous vetting process and must possess all the necessary qualifications and practical real life experience. Each instructor brings a wealth of knowledge and strong firefighting/EMS background skills. All instructors have had several years of teaching the required curriculum and are well verse in developing the skills necessary for student success.

### **Program Requirements\***

#### **Freshman Year- Fall Semester**

Course #	Title
FTA 101	Fundamentals of Firefighting I
FTA 100	Fitness and Health for Firefighters

#### **Freshman Year-Spring Semester**

Course #	Title
EMT 100	Emergency Medical Technician
FTA 102	Fundamentals of Firefighting II
FTA 103	Civil Service Test Preparation

For more information contact [DMarcarelli@gwcc.commnet.edu](mailto:DMarcarelli@gwcc.commnet.edu)

\*Program structure currently under review and is subject to change.





Brookfield Volunteer Fire Company, Inc. Announces

## Fire Fighter II



Starting September 5, 2017 through October 19, 2017  
Practical Exam Saturday October 21  
Written Test Thursday November 2

Tuesday and Thursday Nights class start at 7:15 pm  
Weekend\* classes start at 8:30 am

\*Weekend Classes – Sunday Class: September 24  
Saturday Classes: September 30 and October 21

Cost \$700.00\*\* per student

\*\*Textbook NOT included, student **must** purchase book prior to class

*Fundamentals of Fire Fighter Skills, Third Edition,*  
Jones and Bartlett Learning

Call [\(203\) 775-8132](tel:2037758132) or  
Email [BVFCTraining@gmail.com](mailto:BVFCTraining@gmail.com)

Class is limited to 24 students





## **Gateway Community Fire Technology Courses**

**GWCC is now accepting applications for the Fall 2017 semester**

Gateway Community College is offering the following courses in the *Fire Technology Program*. These classes are part of a revised program designed to meet the requirements of the National Fire Academy, *Fire and Emergency Service Higher Education (FESHE)* model.

These classes offer a great opportunity for firefighters, who are considering advancing their knowledge and careers, without taking a fulltime academic workload. These classes are fundamental to most fire science curriculum and can easily be applied toward an undergraduate degree in *Fire Technology*.

FTA 112 Introduction to Fire Technology: TR 05:25pm-06:45pm

FTA 216 Municipal Fire Administration: MW 05:25pm-06:45pm

FTA 227 Fire Protection Systems: TR 05:25pm-06:45pm (Eligible for Fire Marshal Credits)

FTA 219 Fire Investigations: M 07:00pm-09:50pm (Eligible for Fire Marshal Credits)

Fall semester calendar: August 29, 2017-December 18, 2017

All classes held at Gateway Community College downtown campus.

GWCC offers the opportunity to participate in course work along with fellow firefighters and future fire technology professionals, throughout Connecticut. Come experience the learning environment and camaraderie that Gateway has to offer.

Registration can be completed online. Please visit Gateway Community College Website at [www.gatewayct.edu](http://www.gatewayct.edu) or contact [Dmarcarelli@gwcc.comnet.edu](mailto:Dmarcarelli@gwcc.comnet.edu) for further information.



# PAST CAPTAINS DINNER

In Honor Of Past Chief  
**SCOTT TREMBLY**

**Saturday, June 24th**

**Luau Dinner w/Open Bar**



### 5pm Arrival:

Premium Bar, By Tab, Soda,  
Lemonade, Iced Tea  
Coffee & Hot Tea  
Fresh Fruit Kabobs, Assorted  
Cheeses w/Crudité  
& Pepperoni  
Grilled Pineapple Shrimp Scures

### 6:30pm Dinner

Rost Suckling Pig, Garlic Rub  
Grilled Sweet & Sour Chicken  
Breast, Baked Potato Station,  
Stir Fry Seasonal Vegetables,  
Mixed Green Salad, Cole Slaw

### 8:30pm

Coconut Pineapple Cake

**\$60 PER TICKET**

***Tickets In Advance Only***

COLONIAL TAVERN  
24 Hawley Lane, Oxford

Contact...

Jay Fainer: 203-410-3139  
Tony Spigarolo: 203-545-0490  
*or any member*