From:	Ouellette, Kara
To:	"cfpc_news@list.ct.gov"
Subject:	CFPC Listserv Notices 11/27/17
Date:	Monday, November 27, 2017 4:24:00 PM
Attachments:	bookstore 1.jpg bookstore 2.jpg Campus Fire and Life Safety Risk Assessment Applications.pdf image003.png

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State of Connecticut
Department of Emergency Services & Public Protection
Commission on Fire Prevention and Control
November 27, 2017

1. **Passing of Terry Brouwer - OSFM**
2. **CFA Bookstore News**
3. **Naugatuck Valley Community College Associates Degree in Fire Technology and Administration**
4. **WPI Guest Speaker - Experimental Study of How PV Panels Influence the Fire Dynamics**
5. **RN To EMT Course at Code One**
6. **CFA EMT Class**
7. **NFA Course at CFA**

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1. Passing of Terry Brouwer - OSFM

It is with great personal sadness that I inform you of Terry Brouwer's passing last weekend. Terry, Fire and Life Safety Supervisor, was a valued employee in the Office of State Fire Marshal for 29 years, where he was responsible for Code development and education, and local Fire Marshal support. He will be deeply missed by everyone who worked with him, particularly his colleagues in the Office of State Fire Marshal.

William Abbott
State Fire Marshal

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2. CFA Bookstore News

CFA BOOKSTORE
2017
20% OFF
HOLIDAY SALE

The CFA Bookstore 2017 holiday sale will start on Monday, November 27th. All apparel, collectibles, gift items, toys, and all BOOKS, DVD'S and USB"S are 20% OFF. CFA bookstore items make unique holiday gifts for all the firefighters on your shopping list. FREE GIFT WRAPPING IS AVAILABLE. We can ship your holiday gifts for you!!! Stop by, give us a call or order by email. The bookstore is open 6 days a week from 8:30 a.m. to 4:30 p.m. and until 8:00 p.m. every Tuesday. Pam Cooney 860-264-9271, pam.cooney@ct.gov or Karen Junguzza 860-264-9244, Karen.junguzza@ct.gov.

Thank-you, Pam & Karen
CFA Bookstore

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3. Naugatuck Valley Community College Associates Degree in Fire Technology and Administration

Naugatuck Valley CC will be offering the following courses in the Spring of 2018. Please contact Charly Slagle at CSlagle@nvcc.commnet.edu

CRN	Course				Title		Day	time	Instructor	
2166	FTA*	H116	01	textbook info	Wtby: BUILDING CONSTRUCTION	TRAD	W	08:00 am-10:55 am	Mark E Omasta	HLRC L313
1850	FTA*	H122	01	textbook info	Wtby: FIRE BEHAVIOR & COMBUST	TRAD	T	08:00 am-10:55 am	Albert C Bassett	HLRC L313
1851	FTA*	H210	01	textbook info	Wtby: WATER SUPPLY & HYDRAULICS	TRAD	T	05:30 pm-08:25 pm	Ignacy A. Kapalczynski	HLRC L313
1560	FTA*	H216	01	textbook info	Wtby: MUNICIPAL FIRE ADMIN	TRAD	R	08:00 am-10:55 am	Charly Slagle	HLRC L313
1852	FTA*	H219	D01	textbook info	Danbury: FIRE INVESTIGATION	TRAD	W	05:30 pm-08:25 pm	Thomas Wiedl Jr.	HDANB FIRE DPT

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4. WPI Guest Speaker - Experimental Study of How PV Panels Influence the Fire Dynamics

Fire Protection Engineering Department
GUEST SPEAKER
Grunde Jomaas
Title:
Experimental Study of How PV Panels Influence the Fire Dynamics

All are Welcome

Tuesday December 5, 2017
11:00 - 12:00
FPE, 50 Prescott Street, Gateway Park II, Room 50P1226

Pizza will be provided
***please rsvp to Catherine cfradette@wpi.edu

Abstract:
Fire experiments were conducted on four mock-up roof constructions with an array of 6 photovoltaic (PV) panels on top to study fire dynamics and flame spread behavior under and beyond the roof segment covered by the PV panels. As it is customary to retrofit PV panels to existing warehouse roofs, where expanded polystyrene (EPS) and polyvinylchloride-based roofing membrane $B_{ROOF}(t2)$ is a typical roofing, the experiments were carried out on such installations, but with two mitigation solutions on top; 30 mm mineral wool or 40 mm polyisocyanurate (PIR). A wood crib was placed under the PV panels and ignited, which resulted in fire spread in all four cases. However, no self-sustained fire was observed beyond the area below the PV array. The EPS was ignited in both experiments with the PIR insulation due to thermal degradation of the protective material after approximately one hour. These full-scale experiments confirm that an initial fire underneath a PV installation can transform into a hazardous scenario due to the changed fire dynamics of the existing roof, where combustible construction materials can become fuel loads and thereby increase the fire risk through increased consequences. Combined with

the fact that introducing PV panels increases the probability of a fire, the overall risk in terms of probability times consequence can increase significantly unless properly managed through the use of the proper fire mitigation and fire management solutions.

Biography:
Grunde Jomaas is Professor and BRE Chair of Fire Safety Engineering at the University of Edinburgh, where he is the leader of the BRE Centre for Fire Safety Engineering. He started to study Fire Protection Engineering at Stord/Haugesund College in Norway, received his BSc in Fire Protection Engineering from the University of Maryland (2001, Summa Cum Laude), his MSc (2005) and PhD (2008) in Mechanical and Aerospace Engineering from Princeton University. Upon completing his PhD, he moved to France for a post-doc at École Centrale Paris, where he spent 10 months before becoming an Assistant Professor in Civil Engineering at the Technical University of Denmark in 2009. Grunde has published numerous highly cited peer-reviewed publications, book chapters, reports and conference papers based on a very broad experience in the field of fire safety engineering. Topics include spacecraft fire safety, oil burning on water, photovoltaic panel fires, high pressure gas combustion, and fire dynamics in compartments with various construction elements as boundary. Grunde has a wide teaching experience related with fire safety engineering. He has taught classes such as Fire Dynamics, Fire Chemistry, Fire Risk Analysis, Fire Risk Management, Building Fire Safety, Fire Protection Fluid Mechanics, Building Fire Technology, Fire Risk Assessment and Laboratory, and Applied Fire Safety – Standardization and Test Methods. In addition, he developed and managed a specialist education on Fire Investigation for the Danish National.

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5. RN to EMT Course at Code One

EMT for Healthcare Providers (RN, PA, NP & Physicians)

Code One's 42 hour Emergency Medical Technician for Healthcare Providers course transitions clinical professionals into the role of emergency responders. This course is ideal for healthcare practitioners that desire cross-training for emergency situations in their hospital care unit, school, or health clinic.

East Hartford (121 Roberts Street)
December 9,10, 16, 17
Saturday & Sunday 9:00 AM to 5:00 PM

Course details at: https://code1web.com/emergency-medical-technician-for-healthcare-providers

Our Mission is to prepare rescuers with the skills and knowledge they need to save lives.

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6. CFA EMT Class

The Connecticut Fire Academy is running an initial EMT (Emergency Medical Technician) class on Jan. 2, 2018.

When: Class runs from Jan. 2, 2018 to April 10, 2018; meets Tuesday/Thursday evenings 6-10 pm and every other Saturday from 8:30 am to 4:30 pm

Where: Connecticut Fire Academy (Rm. 109)

Cost: $ 880.00 (includes textbook, Blood Pressure cuff and Stethoscope)

For further details and exact dates of this class, please see the description of this course by following the link in the 2018 CFA Training Calendarwww.ct.gov/cfpc

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7. NFA Course at CFA

The Connecticut Fire Academy will be hosting the National Fire Academy course titled: **Campus Fire and Life Safety: Risk Assessment on** March 22-23, 2018. The course will be held at the Connecticut Fire Academy, 34 Perimeter Road, Windsor Locks and will run each day from 0830-1630. The cost of the course is $ 60.00 and includes lunch each day. The course has been pre approved for 16 hours of fire marshal credit through OEDM. To register please complete the attached CFA and NFA registration forms. Deadline to register is February 1, 2018. Any questions about the program should be directed to mark.waters@ct.gov

The following is a brief description of the course: This two day course is to enable the student with the ability to create a comprehensive campus fire and life safety program starting with conducting a risk assessment and developing and evaluating an emergency plan as well as building partnerships to sustain emergency programs and plans.