

RESPONDING TO FIRES INVOLVING SOLAR PANELS & ELECTRIC VEHICLES

Saturday, April 27

MFSI HQ, 19 Sewall St.
Brunswick

Sunday, April 28

EMCC, Rangeley Hall, Rm 105/107
Bangor



Training Schedule

- 0730 - Arrival & Check-In
- 0800 - EV Emergency Response (NFPA)
- 1200 - Lunch Provided
- 1300 - Solar Emergency Response (S.A.F.E)
- 1600 - Dismissal

NFPA's EV Emergency Response includes the first five modules from the Electric Vehicle Safety Training course.

- Overview and history of alternative fuel vehicles
- Basic electrical concepts and hazards
- P/HEV & EV systems and safety features
- Initial responses
- P/HEV & EV emergency operations

S.A.F.E.'s Solar Emergency Response is designed to teach bread-and-butter strategy and tactics needed to safely mitigate a residential, commercial and utility scale fire involving solar panels and energy storage systems (ESS).

- Residential solar and battery storage equipment fundamentals
- Industry-standard installation procedures
- Suppression and ventilation tactics
- How to design an incident action plan to safely respond to these technologies

See attached registration form or scan QR code to access. Submit registration form to aheinig@smccme.edu.

RESPONDING TO FIRES INVOLVING SOLAR PANELS & ELECTRIC VEHICLES



**Two Options:
Select Date on
Registration Form
Cost: \$25**

Saturday, April 27, 2024
Maine Fire Service Institute
19 Sewall St. Brunswick, ME
Time: 0730 - 1600hrs

Sunday, April 28, 2023
EMCC, Rangeley Hall
Room 105/107
Time: 0730 - 1600hrs



Captain Richard Birt retired from Las Vegas Fire and Rescue in 2021 after a distinguished 30-year career in the fire service. A longtime advocate of renewable energy, Captain Richard Birt founded Solar And Fire Education (S.A.F.E.) which provides free training to firefighters across the world.

Captain Richard Birt, S.A.F.E

The mission of his S.A.F.E. program is to train firefighters and first responders how to safely mitigate a structure fire involving PV and ESS and teach how renewable energy can help communities across the world become more resilient to power outages caused by grid failures from natural disasters. Captain Birt and his family lived in a home for 14 years that was not connected to the electrical grid and was powered by a PV and ESS that Richard designed and installed himself.



Scan the QR Code for complete instructor bios and class registration information.
mfsi.me.edu/upcoming-events

Ronald Butler, NFPA

Ronald Butler is an esteemed professional in the realm of energy storage safety, bringing over two decades of dedicated experience from his tenure as a Fire Officer at the Detroit Fire Department to his impactful roles as CEO of ESSPI and Senior Partner at LithFire-X. With a master's degree in human and organizational performance Improvement from Wayne State University, Ronald has been at the forefront of addressing the critical safety concerns associated with lithium battery technologies and alternative power sources. His work, recognized for pioneering safety training, emergency response planning, and innovative extinguishing system designs, has significantly advanced the safety protocols for handling and storing hazardous materials. His contributions have not only led to the development of safer energy storage and transport protocols but have also earned him patents for his groundbreaking fire suppression systems, underscoring his status as a knowledgeable and skilled expert in his field.

Participants will be equipped with the skills and understanding necessary to navigate the complex safety challenges of today's energy storage solutions, making Ronald's instruction an investment in the highest standards of safety and operational excellence.



SMCC/MFSI Registration Form

SMCC ID# _____ TODAY'S DATE _____

LAST NAME _____ FIRST _____ MIDDLE _____

BIRTH/OTHER NAME _____ E-MAIL _____

CELL PHONE _____ HOME PHONE _____

MAILING ADDRESS _____

CITY _____ STATE _____ ZIP _____

COUNTY _____ SOCIAL SECURITY # (last 4 digits) _____

GENDER* FEMALE MALE BIRTHDATE* _____
MINOR RELEASE FORM REQUIRED FOR STUDENTS UNDER 18 YEARS OF AGE

ETHNIC GROUP* (CHOOSE ONE) HISPANIC/LATINO NOT HISPANIC/LATINO

RACE* (CHOOSE ALL THAT APPLY) AMERICAN INDIAN OR ALASKA NATIVE ASIAN
BLACK OR AFRICAN AMERICAN WHITE
NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER

*OPTIONAL – THIS INFORMATION IS USED FOR REPORTING PURPOSES ONLY

YOUR REASON FOR ENROLLING DEGREE OR CERTIFICATE PERSONAL ENRICHMENT
 TRANSFER TO ANOTHER COLLEGE SKILLS FOR EMPLOYMENT OTHER

I HAVE BEEN A RESIDENT OF MAINE SINCE _____ (for non-educational purposes)
MONTH/YEAR

ARE YOU A U.S. CITIZEN? YES NO PROOF OF MAINE/US RESIDENCY REQUIRED TO QUALIFY FOR IN-STATE TUITION

DO YOU HAVE A HIGH SCHOOL DIPLOMA OR GED? YES NO

REGISTRATION YEAR _____ TERM FALL SPRING SUMMER

SELECT TRAINING:

April 27, 2024
Maine Fire Service Institute
19 Sewall Street, Brunswick

April 28, 2024
EMCC, Rangeley Hall, rm 105/107
268 Sylvan Rd, Bangor

STUDENT SIGNATURE _____

Southern Maine Community College is an equal-opportunity institution and employer. If you have a disability and wish to request accommodations, please contact the Director of Disability Services, Heather Jackson, at 207-741-5923 or via email at hjackson@smccme.edu. Appointments are available by Zoom and in person on both the Brunswick and South Portland campuses. Walk-in appointments are welcome. Documentation of your disability is required, but please do not let the absence of documentation prevent you from seeking accommodation.



Program Billing Procedure

In the past, MFSI has collected payment for programs and courses at the time of registration. However, in an effort to avoid delays in departments/individuals/agencies receiving their reimbursement funds for canceled programs, we will not be collecting payment for any program until after it has begun.

Please use this form to provide information about the intended payment method (whether it will be an individual or a fire department/other agency) so that MFSI can invoice the payer after the program's start date. We ask that you write legibly or type your responses.

Your application will not be considered complete without this form filled out in its entirety.

Payment method*: Purchase order from fire department/municipality Personal check

Purchase order number (if applicable):

Payer (name/department name):

Candidate's name (if different from payer):

Course name:

Course location:

Payer's address for receipt of invoice:

Email address or phone number of payer (not candidate):

Please submit this form, and all other registration materials, to Anne Heinig at aheinig@smccme.edu or mail to MFSI, ATTN: Anne Heinig, 19 Sewall Street, Brunswick, ME 04011.

If you have any billing questions, please contact Nancy Russell at nrussell@smccme.edu or 207-844-2071.

**Please note that MFSI cannot accept cash or credit card payments.*