

UFRA Welcomes

**ISFSI**

**International  
Society of Fire  
Service  
Instructors**

**Engine Company  
Operation:**

Hose line Advancement and  
Water Application Hands on  
Training

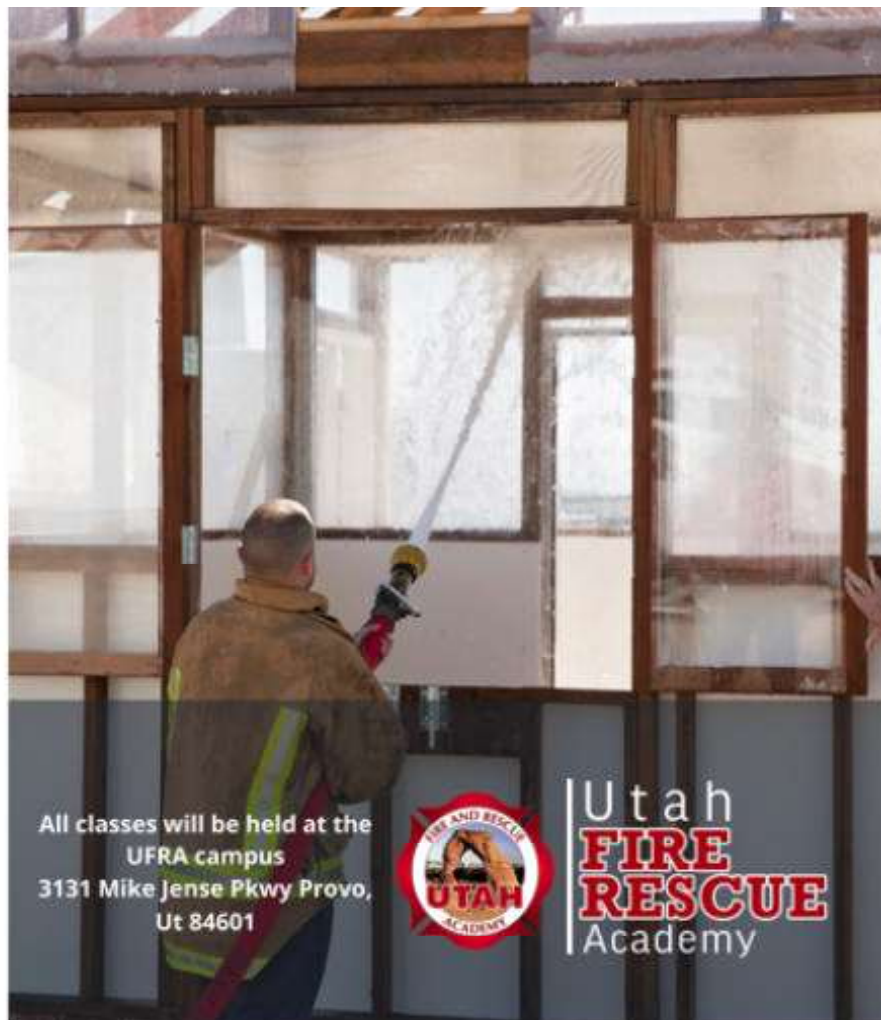
**August 18, 2023  
Student Instruction**



All classes will be held at the  
UFRA campus  
3131 Mike Jense Pkwy Provo,  
Ut 84601



**Utah  
FIRE  
RESCUE**  
Academy



THE CURRICULUM WILL FOCUS ON 5 KEY TOPIC AREAS RELATED TO  
FIREGROUND SUPPRESSION ACTIONS:

- 1- HOW TO MANAGE AIR ENTRAINMENT AND EFFECTIVELY DISTRIBUTE WATER AND MAP THE SURFACES OF A STRUCTURE ON THE APPROACH TO - AND INTO - VARIOUS INTERIOR FIRE COMPARTMENTS.
- 2- STRATEGIES FOR UTILIZING DIFFERENT STREAM TYPES, APPLICATION PATTERNS, STREAM ANGLES, AND METHODS OF DEFLECTION TO ASSIST IN GAME-TIME DECISION-MAKING DURING EXTERIOR SUPPRESSION OPERATIONS.
- 3- HOW COORDINATING VENTILATION POST-SUPPRESSION CAN QUICKLY RETURN THE ENVIRONMENT TO TENABLE CONDITIONS AND PROVIDE BETTER VISIBILITY WHEN CONDUCTING INTERIOR OPERATIONS.
- 4- HOW TO PROPERLY PLACE A STREAM INTO THE EAVE LINE TO QUICKLY COAT THE ATTIC WHILE LIMITING THE VENTILATION INTO THE SPACE.
- 5- HOW DIFFERENT SPECIALTY NOZZLES CAN BE UTILIZED TO CREATE MORE EFFECTIVE WATER DISTRIBUTION FOR FIRES IN VOID SPACES, BASEMENTS, COCKLOFTS, AND OTHER STRUCTURE FEATURES WHICH CREATE CHALLENGES FOR TYPICAL FIRE SERVICE SUPPRESSION METHODS.

Several recent AFG funded studies by FSRI examined the mechanics of hose streams to better equip firefighters with the knowledge for how hose line and nozzle selection, hose stream type, and advancement method affect the fire dynamics and victim survivability during suppression actions on the fireground.

This is an invitation  
to attend the  
student class  
space is limited to  
60 participants

