

Keeping you Knowledgeable, Safe, and in Compliance!



**Ernest A. Emerson
Fire Protection Resource Library**

A Volume From the Library

Fire Fighter Safety

Education and training are vital to keeping fire fighters safe.

One way to keep fire fighters safe is to stay current on basic training. Confidence in basic skills is required in the fire service. This confidence level can lead to failure if we allow it to keep us from staying familiar with basic fire ground functions. Practicing basic skills can reduce the risk of injury or death of fire fighters.

Some basic skills that can be reviewed may be:

[Ropes and Knots](#)



[Ladders](#)



[Hoses](#)



[Ventilation](#)

[Forcible Entry](#)



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[Basic Training](#)



If you or your department would like some videos on basic training, check out these audiovisual items available in our library:

ROPES AND KNOTS

FUNDAMENTALS OF FIRE FIGHTER SKILLS AND DRILLS DVD SERIES

AV11-2541 Date Acquired: 8/5/2011 Length: 18:00 Format: DV Author: NFPA
This video is part of the Fundamentals of Fire Fighter Skills and Drills DVD Series. This action-packed 8 volume DVD series provides detailed step-by-step instruction on the most vital and fundamental fire fighter skills. Topics included in this video include: Ropes and Knots; Safety Knot; Placing a Life Safety Rope into a Rope Bag; Half Hitch; Clove Hitch Tied in the Open; Clove Hitch Tied Around an Object; Figure Eight Knot; Figure Eight on a Bight; Figure Eight with a Follow-Through; Bowline; Sheet or Becket Bend; Hoisting an Axe; Hoisting a Pike Pole; Hoisting a Ladder; Hoisting a Charged Hose Line; Hoisting an Uncharged Hose Line; Hoisting an Exhaust Fan. (c2006)

FIREGROUND SAFETY AND SURVIVAL

AV07-2187 Date Acquired: 8/31/2007 Length: 30:00 Format: DV Author: FETN
Fire chiefs are constantly searching for answers on how to get firefighters to comply with safety procedures. This FETN program will describe safety techniques for operating companies on the fireground. Topics covered will include gear and equipment needs, size-up, proper apparatus positioning, tools for interior operations, evaluation of interior conditions, proper staffing, fire stream management, and method of attack. The program will also describe the need for the national incident management command system and a comprehensive accountability system to enhance fireground safety and survivability. (2007)

FIRE BEHAVIOR

ESSENTIALS OF FIRE FIGHTING SERIES - FIREFIGHTER I
AV10-2436 Date Acquired: 10/6/2010 Length: 24:23 Format: DV Author: ACTION TRAINING

This video describes the science of fire and combustion, the Fire Tetrahedron, states of fuel, pyrolysis and vaporization. It identifies types of heat energy, methods of heat transfer, the stages of compartment fire development, the products of combustion, factors in fire development and dangerous fire conditions for firefighters. Learning objectives include: fire & combustion; oxygen & oxidizing agents; fuel: pyrolysis & vaporization; heat energy & self-sustained chemical reaction; three methods of heat transfer; stages of compartment fire development; the products of combustion; factors in fire development; and special fire conditions. (c2007, reflecting 2008 standards)

For assistance in choosing training materials, or to make recommendations for additions to the library, please contact the commission librarian at (512) 936-3833, via e-mail at library@tcfp.texas.gov or visit the [Emerson Library](#) at the commission's headquarters facility during regular business hours.