

Monthly Report

Division of Training & Safety



Safety Topics

Safety Committee Meeting
Scheduled for November 21, 2013

Non-time Loss Injuries:
Month: 0 YTD: 13

Time Loss Injuries:
Month: 0 YTD: 10

Accidents:
Month: 1 YTD: 11

- While transporting a patient to the hospital Medic 55 had to move into oncoming traffic at an intersection adjacent to North Central College striking the mirror of another car.

Monthly Training Topics

During the month of **September** there were several different training areas covered:

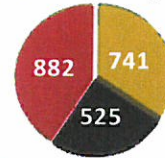
- Vertical Ventilation
- Forcible Entry
- Water Supply
- Standard Operating Guidelines
- Officer Development
- Full/Senior Staff meetings
- Truck Operations
- Engine Operations
- Multi-company Operations
- Safety
- Building Construction
- Rapid Intervention Crew Training
- Communications
- Self Contained Breathing Apparatus (SCBA) Training
- On duty Fitness
- Health & Safety—Wellness
- Fire Behavior
- EMS Training—System

- Makeup
- Pre-Plans, Building Familiarization
- Driver Training
- Search and rescue
- Hose line deployment
- Annual Fitness Evaluations
- Hazardous Material—Equipment Care, Maintenance and Familiarization
- Computer/Report Training
- NIMS—Incident Command (Continuing Education)

Specialty Team Training

- ♦ CART Team Training—Team Validation Prep
- ♦ URRT—Post Incident Review on Bolingbrook Incident
- ♦ URRT—Pool dive training at Sea Lion Park

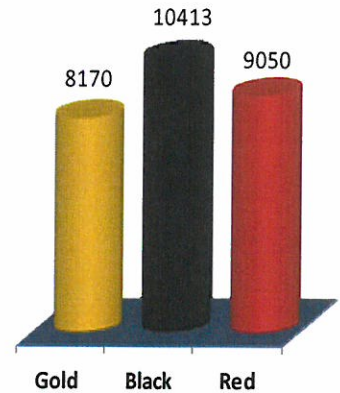
Shift Training Hours



■ Gold ■ Black ■ Red

The training hours posted are the accumulative hours of training for the month absent the hours of Acting Officer hours.

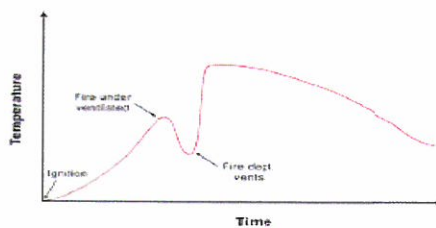
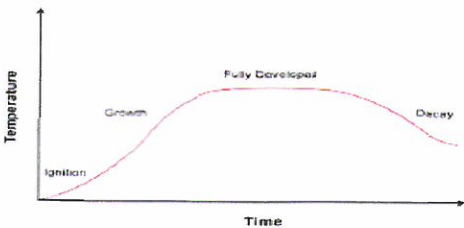
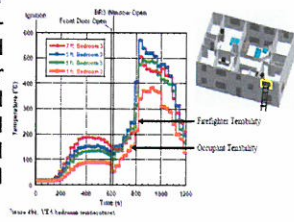
Training Hours 2013



Fire Behavior

Time, Technology and Empirical Data
Time has impacted fire behavior impacting changes due to the modifications and replacement of, common combustibles, furniture coverings, wood tables to laminates. Fires are growing 4-6x's greater every 60 seconds where they used to double in size.
Technology has changed in the use of more petroleum products, plastics and synthetics, in our home and the change in solutions and solvents that we use a general cleaning products in our homes and at work everyday.
Empirical data provided by the engineers at Underwriters Laboratory, UL is changing the view

of how we execute our tactics on the fire ground. How quick we put water on the fire, venting early and often, blocking open the front door, vent for life, don't hit it from the front lawn, cooling the smoke with your hose stream. Tradition, habit, and myths some of our tactics reinforced and some dispelled by the research and education produced by UL.



Points -to-Ponder

Safety "hot topics" for the month

Smoke and its Dangers

Products of Smoke

- Acetylene
- Butadiene
- Carbon Monoxide
- Carbon Dioxide
- Cyanide
- Hydrogen Cyanide
- Hydrochloric Acid
- Hydrogen Sulfide
- Nitrogen Oxides
- Phosgene
- Sulfur Dioxide
- Sulfur Trioxide
- Volatile Organic Compounds
- Water Vapor

Points To Ponder

- Carbon Monoxide
- Hydrogen Cyanide
- Hydrochloric Acid
- Phosgene
- Sulfur Dioxide
- Sulfur Trioxide
- Volatile Organic Compounds

Times to Wear your SCBA

- Structure Fires
- Car & Truck Fires
- Areas with smoldering materials
- Confined Spaces
- Overhaul Operations

Wear SCBA to save your life!

WEAR YOUR SCBA!