



Annual Report 2019



Vision

To serve our community with integrity and be the standard by which fire service organizations are measured.

Mission

The City of Dalton Fire Department is dedicated to providing our community with the highest standard of service through prevention, public education, training, and emergency response.

Organizational Values

Integrity - firm adherence to honesty and our code of ethics

Accountability – our obligation and willingness to accept responsibility and account for our actions

Discipline – behavior and order maintained by training, self-control, and adherence to our rules of conduct

Responsibility – our obligation to serve with reliability, trustworthiness, and professionalism

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DALTON FIRE DEPARTMENT

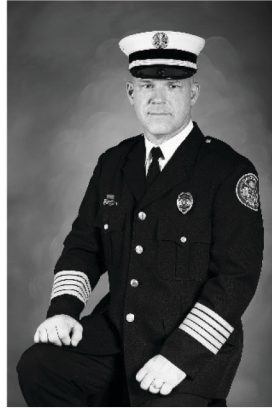
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PUBLIC SAFETY COMMISSION

Bill Weaver
Terry Mathis
Dr. Luis Viamonte
Anthony Walker
Kenneth E. Willis



It is my pleasure to present the City of Dalton Fire Department Annual Report for 2019. The information contained in this report is a reflection of the combined efforts of the outstanding men and women who proudly serve our department and our community. We are proud of the service we provide to the citizens and visitors of the City of Dalton and we want to share some of our statistics as well as showcase our accomplishments.

We constantly strive to maintain a high level of service and continue to provide the highest level of safety to our community. We will continue to accomplish this by focusing on the mission and core values of our organization. Our agency will continue to prepare for, not only day-to-day challenges, but the ones on the horizon that we will be faced with in the future.

A handwritten signature in black ink that reads 'Todd Pangle'.

Todd Pangle
Fire Chief

Department Overview

The City of Dalton Fire Department is an ISO Class 2 emergency service provider consisting of 97 full-time employees. 87 personnel are assigned to the suppression division as firefighters. Additional personnel are assigned to the training division, fire prevention division, and as administrative staff. The department has 42 Emergency Medical Technicians, 4 Paramedics, 50 Emergency Medical Responders, 28 certified Georgia Smoke Divers, and 12 CPR instructors. Training hours accrued during 2019 totaled 30,898.

The department has Special Operations Teams trained in technical rescue and hazardous materials response. These teams are adept at mitigating incidents such as trench rescue, structural collapse, vehicle and machinery entrapment, surface water rescue, high and low angle rope operations, confined space rescue and hazardous materials releases.

Emergency response capabilities are achieved through the use of seven pumping apparatus, one 100-foot tower ladder, one 75-foot straight ladder, one heavy rescue apparatus, one incident command vehicle, and one mobile air & light unit, all of which are fully equipped to comply with NFPA and ISO requirements. Thermal imaging cameras, which allow for enhanced visibility in hostile environments, are carried in all 5 districts so that all the city's inhabitants may benefit from this technology.

The department has 5 stations located to provide rapid response to any part of the city's 22 square miles. Station 2, located on Abutment Road, also serves as a training facility with a water drafting pit, four story drill tower, and a three story, 1,664 sq. ft. burn building designed for the burning of Class A materials in all areas of the structure. This facility is utilized to train new recruits and maintain proficiency among incumbent personnel. All fire stations are equipped with stand-by generators to provide electrical power in the event of an outage. Stations are also equipped with a communications duplication system to ensure that the vital link between fire dispatchers and units operating in the field remains intact should the 911 center be disabled.

The City of Dalton has a total of 1,252 municipal fire hydrants. These hydrants are inspected a minimum of twice annually by suppression personnel. The department works closely with Dalton Utilities in an effort to ensure that hydrants will function properly if needed. In addition, there are over 500 private hydrants located in various parts of our jurisdiction serving a variety of private properties.

The fire prevention division works closely with the building inspector's office and Dalton Utilities in an effort to reduce the loss of life and property by requiring that all construction meets current fire codes.

Individual Commendations

Engineer Dale Reed – 2019 Firefighter of the Year

1/29/19

Retirements

Deputy Chief Ricky Busby
Engineer Tim Macon

30 years of service
27 years of service

Promotions

Lieutenant Matthew Daniel	2/26/19
Deputy Chief Mike Russell	3/26/19
Battalion Chief Alan Ridley	5/28/19
Captain Damion Epps	5/28/19
Lieutenant Robbie Townsend	5/28/19
FF Justin Rishel – assigned to Training Division as Fire Instructor	6/25/19
Captain Matthew Daniel	10/22/19
Captain Keith Dempsey	10/22/19
Engineer Casey Jones	10/22/19
Engineer Dwayne Pangle	10/22/19

Unit Citations

Engine 2/A

Lt. J. Viens
FF. J. Cole
FF. C. Manly

Incident # 19-3579

Location: 1210 Ludie St.

On Sunday, December 1, 2019 at 1457hrs, Dalton Fire Department Engine 2 was dispatched to an unconscious male patient at 1210 Ludie Street. Upon arrival, Engine 2 discovered CPR in progress on an unresponsive male patient. Engine 2 promptly reassessed the patient, applied an AED, and resumed CPR. After one shock was delivered by the AED, the patient regained a pulse, was responsive to pain, and began breathing on his own. The swift and skillful actions of Engine 2 ultimately resulted in the timely provision of life-saving care and contributed to a successful patient outcome. These actions reflect great credit upon the individuals involved, their assigned company, and the City of Dalton Fire Department.

Accomplishments

1. Instituted a schedule for review and revision of all standard operating guidelines and procedures
2. Implemented a three year strategic plan 2019-2021
3. Filled all applicable ranks through promotions
4. Conducted a fall recruit class that graduated 4 new firefighters
5. Added one additional inspector to the Fire Prevention Division
6. Replaced Automatic External Defibrillators (AEDs) on all front line fire apparatus
7. Lobbied for and obtained a city resolution granting oversight of facilities previously inspected by the state fire marshal's office
8. Completed projects focused on cancer prevention initiatives for firefighters
 - a. Constructed walls that separate turnout gear lockers from living quarters and apparatus bay areas at Stations 3 and 4
 - b. Installed a turnout gear extractor at Station 3
9. Completed several building and grounds projects at multiple locations
 - a. Replaced apparatus bay heaters at Station 4 with radiant heaters to improve energy efficiency
 - b. Replaced insulation on HVAC registers at Station 5 to correct a condensation problem
 - c. A stacked stone retaining wall with additional sidewalks and curbing were installed in the parking area at Station 1 by Dalton Public Works Department
 - d. An aluminum awning was installed outside the foyer area of Station 1
 - e. Constructed wall lockers in the Battalion Chief's quarters at Station 1 to provide additional storage

10. Delivered a 120-hour Rope Rescue Technician course to newly appointed members of the department's Technical Rescue Team
11. Presented one Citizen Heroism Award, three Citizen Lifesaving Awards, and one Citizen Recognition Award to members of our community to publicly acknowledge their service to others
12. Delivered a 40-hour Confined Space Rescue Technician course to newly appointed members of the department's Technical Rescue Team
13. Participated in numerous Dalton-Whitfield Special Olympics events throughout the year
14. Hosted three 16-hour Modular Emergency Response Radiological Transport Training (MERRTT) courses and an 8-hour MERRTT Technician level course sponsored by GEMA and delivered by the U. S. Department of Energy' Transportation Emergency Preparedness Program
15. Hosted Georgia Smoke Diver Class 57 in the spring and Class 58 in the fall
16. Implemented a fee schedule for review of: new commercial buildings and existing commercial additions, site plans, commercial plans, sprinkler plans, fire alarm plans, commercial hood system plans, and special inspections
17. Participated in the City of Dalton's Citizens Government Academy
18. The Fire Prevention Division had successful project oversight of: Anna Shaw Children's Institute, Peoples Cancer Institute, Food City, Waffle House, Ulta Beauty, Rak Outfitters, AT&T Store, Pet Smart, Ross Dress for Less, Kay Jewelers, Dalton Mall, KFC, Transformers Transmission, Dalton Storage, Hamilton Residence Renovation, Hamilton 2nd Floor Renovation, Shaw 61 Renovation, Just Jump, Department of Defense Recruitment Center, Roses, and Dalton Mini-Warehouses
19. Sent 4 personnel to each of the premier trade shows in the U.S. fire service: Fire Department Instructor's Conference (FDIC) in Indianapolis, Indiana, and Firehouse Expo in Nashville, Tennessee
20. Hosted a company officer development seminar titled Leadership Under Fire, delivered by Jason Brezler and Gabriel Angemi at Dalton State College
21. Purchased 2 new dry suits to increase capabilities for surface water & flood rescue
22. Delivered a hood system class for contractors working in the city

23. Purchased a new thermal imaging camera for Engine 4 to replace outdated equipment
24. Delivered an 80-hour Hazardous Materials Technician course in conjunction with Calhoun and Gordon County fire departments
25. Completed occupancy review in districts 3 and 4
26. Hosted a 24-hour engine company operations course titled The Nozzle Forward
27. Continued Class 5 program teaching 5th grade students about home fire safety through classes delivered monthly during the school year (approx. 600 participating this year)
28. Partnered with Dalton Police Department on “Shop With a Hero” and numerous other charitable events throughout the year
29. Conducted joint training with DPD for active threat incidents
30. Completed a review of the food truck ordinance
31. Raised over \$5,500 during boot drive for MDA
32. Completed a fire protection classification audit by Insurance Services Office (ISO)

2019 Statistical Data

Number of incidents

- The City of Dalton Fire Department responded to a total of 3,906 calls during 2019, an increase from the 3,867 calls answered during 2018.

Response time

- Average response time for emergency calls was 3 minutes 22 seconds.
- Overall response time for all calls (emergency & non-emergency) was 3 minutes 33 seconds.
- For multi-company responses, the average arrival time for the second-due unit was 6 minutes 50 seconds.

Dollar value saved & loss analysis

- Total estimated property value exposed was \$39,086,923
- Total estimated property value lost was \$2,180,365
- Total estimated property value saved was \$36,906,558
- Total percent lost was 5.58%
- Total percent saved was 94.42%

Fires

- There were 118 actual fires reported in 2019 compared to 121 reported in 2018
 - There were 41 residential fires in 2019 compared to 27 in 2018
 - There were 7 commercial fires in 2019 compared to 11 in 2018
 - Total structure fires were 48 compared to 38 in 2018
 - There were 20 vehicle fires in 2019 compared to 20 in 2018
 - There were 19 brush/grass/wild land fires in 2019 compared to 27 in 2018
 - There were 22 rubbish/dumpster fires in 2019 compared to 28 in 2018
 - The Other category accounted for 9 fires in 2019 compared to 7 in 2018
- Fires accounted for 3.48% of the total incidents responded to by the department in 2019 compared to 3.12% in 2018

Property damage (from actual fires)

- Estimated property damage from fire was \$1,699,673 in 2019 compared to \$317,400 in 2018 and \$2,819,669 in 2017
- Damage from residential fires was estimated at \$1,078,450 in 2019 compared to \$241,800 in 2018 and \$1,525,175 in 2017
- Damage from commercial fires was estimated at \$554,500 in 2019 compared to \$15,270 in 2018 and \$883,142 in 2017
- Total property damage from structure fires in 2019 totaled \$1,632,950 compared to \$257,070 in 2018 and \$2,408,317 in 2017
- Vehicle fires resulted in \$65,723 in losses compared to \$60,330 in 2018
- The all other fires category accounted for \$1,000 in 2019 and no losses in 2018 or 2017

Civilian fire deaths

- There have been no civilian fire deaths in the City of Dalton since 2013
- There were 3 civilian fire deaths in the City of Dalton during 2013
- There were no civilian fire deaths in 2010, 2011, or 2012 and 2 each in 2009 and 2008

Civilian fire injuries

- There was one civilian injury in 2019, one in 2018, four in 2017, and one in 2016
- There were 3 civilian injuries in 2015, one in 2014, and two in 2012 and 2013
- There were six in 2011, one in 2010, eight in 2009, and five in 2008

Firefighter injuries

- There were four firefighter injuries in 2019, none in 2018, one in 2017, and six in 2016
- There were two firefighter injuries in 2015, 2014, and 2013 compared to three in 2012 and nine in 2011

Rescue/Medical responses

- There were 2,655 calls for rescue/emergency medical assistance compared to 2,602 in 2018
- Rescue/Medical incidents accounted for 67.97% of incidents versus 67.28% in 2018

False alarm responses

- There were 354 false alarms in 2019 compared to 427 in 2018
- There were 13 malicious/mischievous false calls compared to 17 in 2018
- There were 101 system malfunctions in 2019 compared to 142 in 2018
- There were 230 unintentional false alarms in 2019 compared to 262 in 2018
- The false alarm category accounted for 9.06% of all incidents

Intentionally set fires

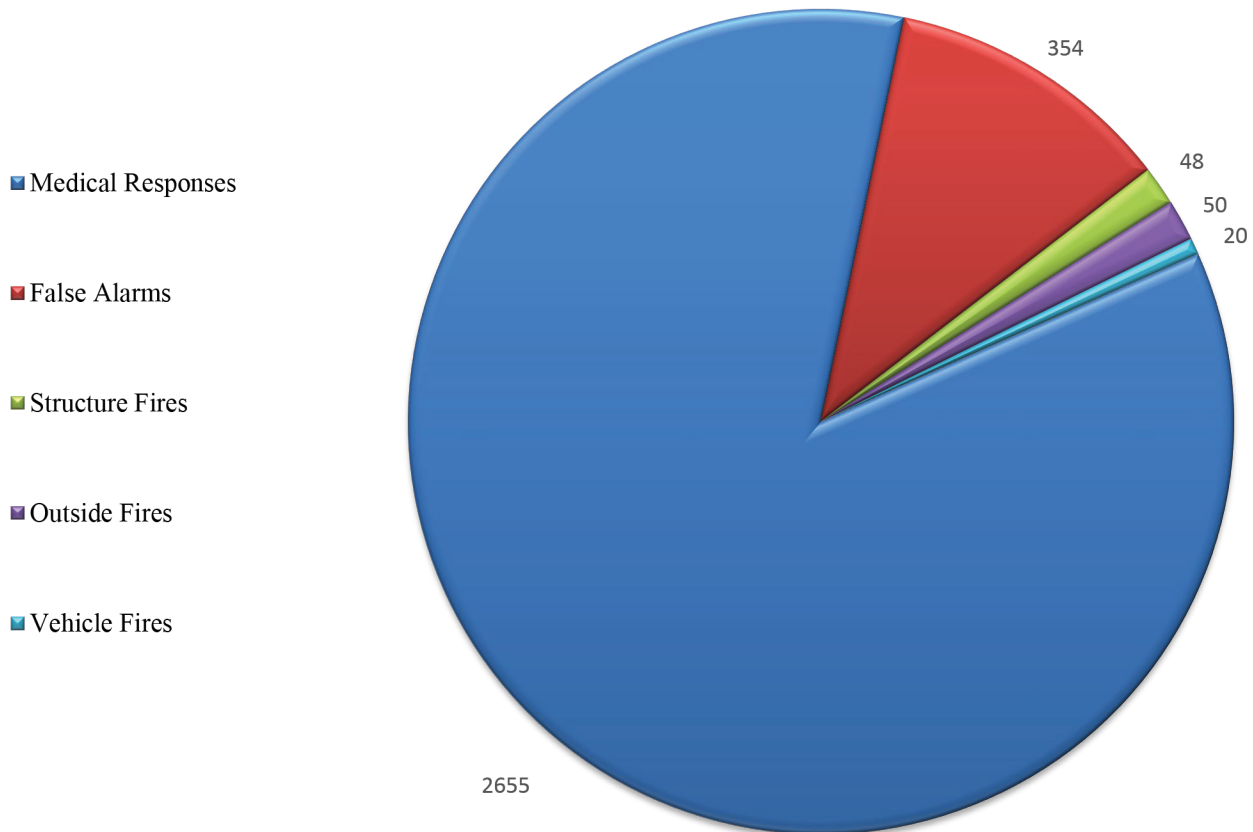
- There were no structure fires listed as intentionally set in 2019 compared to one in 2018
- No vehicle fires have been listed as intentionally set since 2012

Other statistics for 2019

- 81.14% of all calls occurred between 8:00am and 11:00pm
- The busiest day for calls was Friday with 15.51% (606 calls)
- The second busiest day for calls was Tuesday with 14.72% (575 calls)
- Sunday was the slowest day for incidents with 13.41% or 524 calls for service
- June was the busiest month with 359 calls for service
- District 1 accounted for 1,507 calls (38.58%) and accounted for \$414,933 in estimated losses (19.03% of total loss)
- District 2 accounted for 804 calls for service (20.58%) and accounted for \$916,730 in estimated dollar loss (42.04% of total loss)
- District 3 accounted for 700 calls for service (17.92%) and accounted for \$193,600 in estimated dollar loss (8.88% of total loss)
- District 4 accounted for 424 calls for service (10.85%) and accounted for \$45,700 in estimated dollar loss (2.10% of total loss)

- District 5 accounted for 348 calls for service (8.90%) and accounted for \$609,402 in estimated dollar loss (27.95% of total loss)
- Out of district calls accounted for 3.14% or 123 calls for service

2019 Responses by Incident Type



Fire Prevention Division

Inspections

Annual Inspections	Total:	674
Apartment Inspections	Total:	28
Site Inspections	Total:	1622
Fire Alarm Inspection	Total:	8
Sprinkler System Inspection	Total:	2
New Kitchen Hood Inspections	Total:	10
Knox Box Installation	Total:	31
Occupational Tax Certificate Inspections	Total:	122
Alcohol Inspections	Total:	9
50 Percent Inspections	Total:	1
80 Percent Inspections	Total:	4
100 Percent Inspections	Total:	10
Pre-Incident Surveys	Total:	503
Plan Reviews	Total:	30
Addressing	Total:	36
Total Inspections		3090

Public Relations

Fire Safety Education

Events	Total:	192
Staff Members Participated	Total:	679
Staff Hours	Total:	1485
Number of Adults Reached	Total:	11062
Number of Children Reached	Total:	17486
Total Residents Reached		28548

Smoke Detector Installation

Events	Total:	7
Staff Members Participated	Total:	22
Staff Hours	Total:	9
Total Smoke Detectors Installed	Total:	12
Total Number of Adults Reached	Total:	16
Total Number of Children Reached	Total:	5
Total Residents Reached		21

Training Division

Training hours accrued during 2019 total 30,898

Outside school attendance totaled 502 students

Summary of classes delivered by the Training Division:

- 1.) RIT Staging & Support Functions
- 2.) Modular Emergency Response Radiological Transport Training
- 3.) Truck Company Operations – Vent/Enter/Isolate/Search
- 4.) HazmatIQ
- 5.) The Search Reformation with Dustin Martinez
- 6.) Modular Emergency Response Radiological Transport Training – Technician Level
- 7.) 120-hour NPQ Rope Rescue Technician, Levels 1 & 2
- 8.) The Nozzle Forward with Aaron Fields
- 9.) 40-hour NPQ Confined Space Rescue Technician
- 10.) Calling the Mayday
- 11.) Rope Rescue Awareness
- 12.) Surface Water Rescue Awareness
- 13.) Confined Space Rescue Awareness
- 14.) Initial Fire Investigation for First Responders
- 15.) American Heart Association CPR/AED/Basic Life Support refresher
- 16.) Recruit Class 2019-01

Dalton Fire Department
OUTSIDE TRAINING
2019

Date	Location	Title	# Attending
1/10/2019	Dalton, GA	RIT Staging & Support Functions	77
1/10/2019	Whitfield EMA	EOC Operations & Planning for All-Hazards	2
1/17/2019	Dalton, GA	AHA BLS for Healthcare Providers	91
1/23/2019	GPSTC	Wilderness Search and Rescue Coordinator	1
1/24/2019	Dalton, GA	MERRTT - Day 1	77
1/24/2019	Chatsworth, GA	Axioms Revisited	2
1/25/2019	Chatsworth, GA	Axioms of Leadership	5
2/1/2019	GPSTC	Structural Fire Control Instructor	1
2/2/2019	GPSTC	Pressurized Container Fire Control	2
2/5/2019	GPSTC	Incident Safety Officer	1
2/7/2019	Dalton, GA	MERRTT - Day 2	79
2/11/2019	Dalton, GA	The Search Reformation	53
2/14/2019	Dalton, GA	EMT refresher - Pediatrics	40
2/22/2019	GPSTC	Handling Flammable & Combustible Liquids Incidents	2
2/22/2019	National Fire Academy	Emergency Resource Deployment Planning (SOC)	2
3/6/2019	Dalton, GA	The Nozzle Forward	26
3/20/2019	Gordon County, GA	Hazardous Materials Technician	9
3/20/2019	Gordon County, GA	Hazardous Materials Incident Management	5
3/21/2019	Dalton, GA	Technician MERRTT	68
3/21/2019	GPSTC	Incident Response to Terrorist Bombings	1
3/21/2019	GPSTC	Prevention and Response to Suicide Bombing Incidents	1
3/22/2019	GPSTC	Fire Department Supervision	2
3/24/2019	Chatsworth, GA	FLAMES	1
3/28/2019	Dalton, GA	GEMA WIPP/TREX Tabletop Exercise	42
4/10/2019	Americus, GA	Shaping the Future	1
4/10/2019	Dalton, GA	HazmatIQ: Above the Line/Below the Line	27
4/13/2019	Indianapolis, IN	Fire Department Instructor's Conference	6
4/17/2019	Dalton, GA	NFPA 1670 Rope Rescue Awareness	46
4/19/2019	Jacksonville, FL	International Association of Arson Investigators Annual Conference	1
4/26/2019	Helen, GA	GA Public Safety Fire Investigator's Association Annual Seminar	3
5/10/2019	Dalton, GA	NPQ Rope Rescue Technician	14
5/16/2019	Dalton State College	Leadership Under Fire	54
5/17/2019	Marietta, GA	Metro Atlanta Firefighter's Conference: The Unbreakable Engine	3
5/17/2019	Marietta, GA	Metro Atlanta Firefighter's Conference: RIT for Real	2
5/17/2019	Marietta, GA	Metro Atlanta Firefighter's Conference: Hoarding: Working the Pile	2
5/18/2019	Marietta, GA	Metro Atlanta Firefighter's Conference: First Due Engine Ops	3
5/18/2019	Marietta, GA	Metro Atlanta Firefighter's Conference: Elevator Rescue Operations	2
5/22/2019	Dalton, GA	NFPA 1670 Confined Space Rescue Awareness	46
5/24/2019	Dalton, GA	NPQ Confined Space Rescue Technician	16
6/9/2019	Lexington, KY	2019 Kentucky State Fire School	2
6/13/2019	Dalton State College	Managing Critical Incidents at Institutions of Higher Education	1
6/14/2019	Walker County, GA	NPQ Fire Instructor 1	2
7/23/2019	Whitfield County, GA	NPQ Evaluator Training Course	13
7/23/2019	Whitfield County, GA	NPQ Proctor/Monitor Training Course	1
7/26/2019	Whitfield County, GA	CERT Train the Trainer	1

Dalton Fire Department
OUTSIDE TRAINING
2019

Date	Location	Title	# Attending
8/15/2019	Whitfield County, GA	CSX Emergency Response to Rail Incidents	5
8/28/2019	Dalton, GA	Surface Water Rescue Refresher Training	74
8/30/2019	GPSTC	NPQ Fire Instructor 1	1
8/30/2019	GPSTC	2019 GEMA Hazardous Materials Symposium	1
9/7/2019	Ft. Oglethorpe, GA	Pressurized Container Fire Control	3
9/17/2019	GPSTC	Incident Safety Officer	1
10/2/2019	Atlanta, GA	Incident Safety Officer	1
10/11/2019	GPSTC	Decision Making for Initial Company Operations	1
10/11/2019	Perry, GA	Truck Company Operations	2
10/12/2019	Nashville, TN	Firehouse EXPO	4
10/18/2019	GPSTC	Handling Flammable & Combustible Liquids Incidents	1
10/25/2019	GPSTC	Georgia Fire Inspector, Level 1	1
10/25/2019	GPSTC	Intro to Color/Honor Guard	3
11/6/2019	Whitfield County, GA	Intermediate Incident Command Systems for Expanding Incidents	4
11/7/2019	Roswell, GA	The Company Officer Academy w/ Rick Lasky & John Salka	2
11/8/2019	GPSTC	Human Trafficking for Law Enforcement, Fire, & EMS	1
11/8/2019	Whitfield County, GA	Advanced Incident Command Systems	4
11/8/19	National Fire Academy	Plans Review for Fire and Life Safety	1
11/26/2019	Hamilton Medical Center	2019 OEMS Instructor Update	1
12/4/2019	Dalton, GA	Developing a Pre-Incident Plan for Protected Buildings	1
12/5/2019	Dalton, GA	Engine Company Operations at Fires in Sprinklered Buildings	1
12/5/2019	GEMA Headquarters	USAR Task Force Safety Officer	1
12/6/2019	GPSTC	NPQ Fire Instructor 2	2
12/10/2019	Hamilton Medical Center	Pediatric Advance Life Support Provider	1
12/11/2019	Whitfield County, GA	NASAR Search & Rescue Initial Actions	3
12/12/2019	Bartow County, GA	Pipeline Emergencies: Command Officer Strategies	1
12/12/2019	GPSTC	Initial Fire Investigation for First Responders	1
12/20/2019	Ft. Oglethorpe, GA	Fire Department Supervision	5
Total Personnel Attending Classes			502

**Cover Photo: 1918 American LaFrance Engine -
Chief Hardy Springfield & Children**



DALTON



SINCE
1888
GA.

FIRE DEPT.