



Illinois Fire Apparatus Mechanics Association 2018 Seminar

Sunday, October 14, 2018

7:00-9:00pm

Tired Travelers Reception

Peoria Marriott Pere Marquette Hotel

Monday, October 15, 2018 - Peoria Civic Center

7:30am

Registration

General Session

8:30-9:00am

Welcome to the 2017 Conference

Chief John Christian, Grayslake FPD, President IFCA

Presentation of Colors

Peoria Fire Department Honor Guard

Invocation

Peoria Fire Department Chaplin

Memorial Service

IFCA Funeral Committee

Welcoming Remarks

Chief Ed Olehy, Peoria Fire Department

Mayor Jim Ardis, City of Peoria

9:00-9:45am

Keynote Address "American Fire Culture Past, Present & Future"

Dr. Burton Clark, EFO

9:45-10:00am BREAK

10:00-11:30am

"Protecting Those Who Protect"

Detective Rich Wistocki, Naperville FD (Ret.)

11:30am-12:15pm

Reports

IAFC Great Lakes Division, Division Chief Matt Knott, Rockford FD

IFCA Annual Report, Executive Director, Chief James Grady, III, Ret.

2017-18 Election & By-Law Report, Chief Jim Kreher, Barrington-

Countryside FPD, Immediate Past President, IFCA

12:15-1:15pm

Lunch with our Vendors

Lunch will be served in the Exhibit Hall

1:30-2:30pm

Annual IFAMA Meeting and EVT of the Year Presentation

2:30-5:00pm

Exhibits Open

4:30-5:00pm

Hospitality in the Exhibit Hall

Tuesday, New Event

9/11 NFFF Memorial Stair Climb/5K Run

6:30-7:30am at the Peoria Pere Marquette

See Flyer attached for registration information

A Note for IFAMA Attendees: IFAMA attendees are welcome and encouraged to attend the opening session of the IFCA Conference at 8:30am. You are also welcome to join any of the sessions on Monday and Tuesday if you are not scheduled for a class

Tuesday, October 16, 2018 - Peoria Civic Center

Ford IDS

Class Date/Time: Oct. 16, 8:30am-4:30pm, **Instructor:** TBA **Class Limit:** 20 **Description:** Classroom material makes up about 50% of the class. Field work on vehicles will consist of the remainder of the class. This 1 day class provides familiarization and basic operation training on laptop-based Integrated Diagnostic System (IDS). Course can be tailored to meet needs and questions that the attendees have. **(course 1601)**

AC/Delco Engine Electrical

Class Date/Time: Oct 16, 8:30am-12:00pm, **Instructor:** TBA **Class Limit:** none **Description:** Engine Electrical S-EL06-72.01SEM. This 3-hour seminar will cover basic battery, starting and charging system components operation and testing. Included in the discussion will be new technologies in these systems, along with testing and diagnosis of these systems. Topics will include: dealing with battery management systems, how a defective battery can cause U-codes and drivability complaints along with useful service and diagnostic tips. **(course 1602)**

AC/Delco Diag. Multiplexed Data Bus

Class Date/Time: Oct 16, 1:30pm-4:30pm **Instructor:** TBA **Class Limit:** none **Description:** Diagnosing complex network system failures is a challenge even for experienced technicians. In this seminar, technicians will focus on diagnostic strategy to hone their problem solving skills for serial data failure modes in multiplex networks. Included network protocols: CAN, LIN, GMLAN, MOST®, and repair methods will be covered **(course 1603)**

Snap-On Diagnosis/New Equipment

Class Date/Time: Oct. 16, 8:30am-12:00pm, Repeated the afternoon of Oct 16, 1:00-4:30pm. **Instructor:** TBA **Class Limit:** none **Description:** This seminar will focus on New Snap-On HD diagnosis equipment and use. Pro-Cut will introduce you to the latest on-vehicle brake lathe. **(course 1604 morning, course 1605 afternoon)**

Rush Truck HVAC Principles **Class Date/Time:** Oct. 16, 8:30am-12:00pm, Repeated the afternoon of Oct 16, 1:00-4:30pm. **Instructor:** TBA **Class Limit:** none **Description:** This seminar will cover the principles and operation of medium and heavy duty HVAC systems and diagnosis. Students will be EPA 609 certified at the completion. **(course 1606 morning, course 1607 afternoon)**

Wednesday, October 17, 2018

Holiday Inn & Suites E. Peoria

Ford Police Interceptor

Class Date/Time: Oct 17-18, 8:30am-4:30pm, Two-day Class **Instructor:** TBA **Class Limit:** 20 **Description:** This class is revised and enhanced for 2018. New Material will be discussed. Further emphasis on field work with vehicles will be stressed in this new class. This 2-day class provides the skills and knowledge to diagnose and repair Police Interceptors. Includes details, classroom and hands-on work with both Sedan (Taurus) and Utility (Explorer) Platform. **(course 1701)**

Wednesday classes continued next page



Illinois Fire Apparatus Mechanics Association 2018 Seminar

Wednesday, October 17, 2018 (continued)
Holiday Inn & Suites E. Peoria

EVT Prep F3 Fire Pumps and Accessories

Class Date/Time: Oct 17, 8:30am-4:30pm, **Instructor:** TBA **Class Limit:** none **Description:** This class will prepare for the EVT F3 covering the standards as described in NFPA 1901, Standard for Automotive Fire Apparatus in NFPA 1911, Standard for the Inspection, Maintenance, Testing, and Retirement of In-Service Automotive Fire Apparatus. **(course 1702)**

AC/Delco Emissions and Aftertreatments

Class Date/Time: Oct. 17, 8:30am-12:00pm Repeated afternoon of Oct 18, 1:00-4:30pm **Instructor:** TBA **Class Limit:** none **Description:** Modern diesel engines are subject to increasingly stringent emission regulations and monitoring requirements. This seminar will prepare technicians to effectively diagnose and repair diesel exhaust emission reduction failures by developing an understanding of the emissions created by diesel engines and the systems designed to reduce those emissions. Both pre- and after-treatment systems will be covered. Specific systems and components will include intake air swirl and heating, glow plugs, exhaust gas recirculation, oxidation catalysts, diesel particulate filtration, NOx reduction technologies, selective catalyst reduction, and diesel exhaust fluid. Technicians will strengthen their diagnostic techniques by focusing on the conditions used by the Engine Control Module (ECM) to set codes related to these systems, developing an understanding of how false codes could be set, and determining the root cause of any code or failure. Common failures will be covered. **(course 1703 morning, course 1804 Thurs. Oct 18 afternoon)**

AC/Delco HVAC Controls

Class Date/Time: Oct. 17, 1:30pm-4:30pm **Instructor:** TBA **Class Limit:** none **Description:** This seminar will provide technicians with the diagnostic techniques and strategies required to diagnose non-refrigerant related issues with the HVAC electronic controls that impact electronically regulated compressor operation and the air delivery system. Specific components and systems covered include: HVAC control inputs, condenser and blower motor fan controls and operation, manual, electronic and automatic temperature control and electronic mode door actuators and their control of air delivery and airflow in single and multiple zone adjustable systems. Setup procedures for all related modules will be reviewed. This course will include simulated diagnostic exercises to apply the principles learned. **(course 1704)**

Kussmaul

Class Date/Time: Oct. 17, 8:30am-12:00pm, Repeated the afternoon of Oct 17, 1:00-4:30pm. **Instructor:** TBA **Class Limit:** none **Description:** This will cover the repair and adjustment of Auto-Ejects along with the principles and troubleshooting of on-board chargers. **(course 1705 morning, course 1706 afternoon)**

Thursday, October 18, 2018
Holiday Inn & Suites, E. Peoria

EVT Prep E3 HVAC

Class Date/Time: Oct 18, 8:30am-12:00pm, Repeated 1:00pm-4:30pm **Instructor:** TBA **Class Limit:** none **Description:** This will prepare for the EVT E3 HVAC covering basic design, requirements and components of these systems. **(course 1801 morning, course 1802 afternoon)**

AC/Delco EVAP Diagnosis

Class Date/Time: Oct. 18, 8:30am-12:00pm. **Instructor:** TBA **Class Limit:** none **Description:** This seminar will provide an overview of evaporative emissions and the systems that control them. Topics include the function of the fuel tank ventilation system, charcoal canister, purge and vent valves, fuel tank pressure sensors, Leak Detection Pumps (LDP) and other components. We will discuss the strategies and function of Onboard Refueling Vapor Recovery (ORVR), Engine Off Natural Vacuum (EONV), including the diagnosis of P0440, P0442 and other EVAP system DTCs. **(course 1803)**

Pomps Tire Service

Class Date/Time: Oct. 18, 8:30am-12:00pm, Repeated the afternoon of Oct 18, 1:00-4:30pm. **Instructor:** TBA **Class Limit:** none **Description:** This class will cover mounting, dismounting, and repairing Heavy duty truck tires. Students will be certified at the completion of this 1 day class. **(course 1805 morning, course 1806 afternoon)**

Friday, October 19, 2018
Holiday Inn & Suites, E. Peoria

EVT Testing 9:00am-1:00pm

You must register directly with EVT to test: www.evtcc.org

Hotel Information

Illinois Fire Apparatus Mechanics Association - Headquarters Hotel

Holiday Inn & Suites East Peoria

101 Holiday Street, East Peoria IL 61611

Reservation Number 309-698-3333

Room Block Code: Illinois Fire Apparatus Mechanics

Price \$132.00 per night plus

Block Cut Off: 09/21/2018

*Help Your Committees
Please Pre-Register!*



IFAMA 2018 Seminar Registration

October 15-19, 2018

The 2018 IFAMA Seminar will be held October 15-19, 2018 in Peoria. Monday & Tuesday classes will be held at the Peoria Civic Center unless otherwise noted. Wednesday, Thursday & Friday classes will be held at the Holiday Inn & Suites East Peoria. Full registration is \$225.00. Single day registration is \$75.00 (lunch included). **Plus Membership dues for IFAMA are \$25.00/per person and cover October 2018 through September 2019**

Please complete this form and mail with check to Illinois Fire Chiefs Association, PO Box 352, Mundelein IL 60060. You may also fax to: 847-966-0782 or email to: mgriseto@illinoisfirechiefs.org.

Please print or type

Name: _____

Department/Agency: _____

Address: _____

City, State, Zip _____

Phone: _____

Fax: _____

Member Email: _____

Chief or Supervisor: _____

RETURN THIS COMPLETED PAGE

By mail with check:

Illinois Fire Chiefs Association
PO Box 352, Mundelein IL 60060

Fax or email with Credit Card Information or to be invoiced:

Fax: 847.966.0782 email: mgriseto@illinoisfirechiefs.org

Registration	Fee	Amount
Full Registration	\$225.00	
Daily Registration	\$75.00/day	
Membership Fee	\$25.00	\$25.00
TOTAL		

PAYMENT METHODS

Check Enclosed (payable to Illinois Fire Chiefs Assn.)

Bill Department PO# _____

Visa MasterCard Discover

(4% convenience fee added for credit card orders)

Card #: _____

Expiration Date: _____

Name as it appears on Card: _____

Billing Address: _____

Signature: _____

Monday, October 15, 2018

IFAMA Annual Meeting

Tuesday, October 16, 2018

1601 Ford IDS

Class Dates Oct 16, 8:30a-4:30p

1602 AC/Delco Engine Electrical

Class Date Oct 16, 8:30a-12:00p

1603 AC/Delco Diag. Multiplexed Data Bus.

Class Date Oct 16, 1:30p-4:30p

1604 Snap-On Diag., New Equip.

Class Dates Oct 16, 8:30a-12:00p

1605 Snap-On Diag., New Equip.

Class Dates Oct 16, 1:30p-4:30p

1606 Rush Truck HVAC Principles

Class Date Oct 16, 8:30a-12:00p

1607 Rush Truck HVAC Principles

Class Date Oct 16, 1:00-4:30p

Wednesday, October 17, 2018

1701 Ford Police Interceptor

Class Dates Oct 17-18, 8:30a-4:30p

1702 EVT Prep F3 Fire Pumps & Acc.

Class Date Oct 17, 8:30a-4:30p

1703 AC/Delco Emissions & Aftertreatments

Class Date Oct 17, 8:30a-12:00p

1704 AC/Delco HVAC Controls

Class Date Oct 17, 1:30p-4:30p

1705 Kussmaul

Class Dates Oct 17, 8:30a-12:00p

1706 Kussmaul

Class Dates Oct 11, 1:00-4:30p

Thursday, October 18, 2018

1801 EVT Prep E3 HVAC

Class Dates Oct 18, 8:30a-12:00p

1802 EVT Prep E3 HVAC

Class Dates Oct 18, 1:00-4:30p

1803 AC/Delco EVAP Diagnosis

Class Dates Oct 18, 8:30a-12:00p

1804 AC/Delco Emissions & Aftertreatments

Class Date Oct 18, 1:00-4:30p

1805 Pumps Tire Service

Class Dates Oct 18, 8:30a-12:00p

1806 Pumps Tire Service

Class Dates Oct 18, 1:00-4:30p

Friday, October 19, 2018

EVT Testing - 9:00a-1:00p

You must register directly with EVT to test



The Illinois Fallen Firefighters 9/11 Memorial Stair Climb and 5K Run/Walk presented by the Illinois Fire Chiefs Association

WHEN

Tuesday, October 16, 2018
Registration: 0630
Climb Start: 0710

WHERE

Peoria Marriott Pere Marquette
501 Main Street
Peoria, IL 61602

COST

\$35, includes commemorative T-Shirt and a 343 honor badge

REGISTER ONLINE

<http://events.firehero.org/illinois>

The Stair Climb and 5K Run/Walk are not races, but an opportunity to honor and remember the 343 FDNY firefighters who selflessly gave their lives so that others might live on 9-11-2001. Through firefighter and community participation we can ensure that the world knows that we will never forget.

The Stair Climb and 5K Walk benefit the FDNY CSU and the programs provided by the NFFF to support the families of our nation's fallen firefighters.

