



# Illinois Fire Apparatus Mechanics Association 2021 Seminar

## Sunday, October 17, 2021

7:00-9:00pm

### Tired Travelers Reception

Peoria Marriott Pere Marquette Hotel

## Monday, October 18, 2021 - Peoria Civic Center

7:30am

### Registration

8:00-8:30am

### New Member/First Time Attendee Presentation

### General Session

8:30-9:00am

### Welcome to the 2021 Conference

Chief Don Shoenlin, President IFCA

### Presentation of Colors

Peoria Fire Department Honor Guard

### Invocation

Peoria Fire Department Chaplin

### Memorial Service

IFCA Funeral Committee

### Welcoming Remarks

Chief Jim Bachman, Peoria Fire Department  
Mayor Rita Ali, City of Peoria

9:00-9:45am

### Keynote Address "Bringing It All Together"

Howard Cross

9:45-10:00am BREAK

10:00-11:30am

### "Transitions"

Howard Cross

### IFAMA Event

11:00-12:00pm

### Annual IFAMA Meeting

12:00-1:00pm

### Lunch with our Vendors

Lunch will be served in the Exhibit Hall

12:30-5:00pm

### Exhibits Open

4:30-5:00pm

### Hospitality in the Exhibit Hall

**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 19, 2021 - Peoria Civic Center

### Smart Power Hydraulic Generators

**Class Date/Time:** Oct 19, 8:30a-12:00p, Repeated the afternoon of Oct 19, 1:00-4:30pm, **Instructor:** Scott Jones **Class Limit:** none

**Description:** Students will receive instruction in hydraulic generator servicing, including diagnosis, repair, installation, operation and maintenance. It will cover electrical AC/DC and hydraulic systems and components (*course 1901 morning, course 1902 afternoon*).

### Pomps Tire

**Class Date/Time:** Oct 19, 8:30am-12:00pm, Repeated the afternoon of Oct 19, 1:00-4:30pm, **Instructor:** Dave Coppes **Class Limit:** none

**Description:** Students will receive instruction in OSHA Regulations, Servicing of single and multi piece wheels and rims. Proper tire mounting procedures. Causes of irregular tire wear, factors that effect tire wear. It will also cover Zipper rupture and proper tire repair.. (*course 1903 morning, course 1904 afternoon*).

### Kussmaul

**Class Date/Time:** Oct 19, 8:30a-12:00p, Repeated the afternoon of Oct 19, 1:00-4:30pm, **Instructor:** Pat Hester **Class Limit:** none

**Description:** Students will receive instruction in repairing/servicing Kussmaul auto ejects as well as an overview of Kussmaul latest products and technology (*course 1905 morning, course 1906 afternoon*).

## Wednesday, October 20, 2021

### Holiday Inn & Suites, E. Peoria

### EVT F3 Prep

**Class Date/Time:** Oct 20, 8:30a-4:30p, **Instructor:** Ben Brown **Class Limit:** none **Description:** Students will receive knowledge to challenge EVT F3 Fire Pumps and Accessories Exam.

- The exam covers 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 2001*).

### AC Delco/CPS EVAP Diagnosis

**Class Date/Time:** Oct 20, 8:30a-12:00p, **Instructor:** Frank **Class Limit:** none **Description:** Students will get 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, and other components. Also, discussion of the strategies and function of Onboard Refueling Vapor Recovery, Engine Off Natural Vacuum, including the diagnosis of P0440, P0442, and other EVAP system DTC's. (*course 2002*).

### AC Delco/CPS Multiplex Diagnosis

**Class Date/Time:** Oct 20, 1:00p-4:30p, **Instructor:** Frank **Class Limit:** none **Description:** Students will get an overview of diagnosing complex network system failures. It will focus on diagnostic strategy in problem solving skills for serial data failure modes in multiplex networks. Included network protocols: CAN, LIN, GMLAN, MOST. Repair methods will be covered. (*course 2003*).



# Illinois Fire Apparatus Mechanics Association 2021 Seminar

**Wednesday, October 20, 2021 (continued)**  
**Holiday Inn & Suites E. Peoria**

## **Meritor**

**Class Date/Time:** Oct 20, 8:30a-12:00p, Repeated the afternoon of Oct 20, 1:00-4:30pm, **Instructor:** Phillip Baumann **Class Limit:** none  
**Description:** Students will receive instruction in Meritor foundation drum brakes and disc brake systems. *(course 2004 morning, course 2005 afternoon).*

## **Cummins**

**Class Date/Time:** Oct 20, 8:30a-12:00p, Repeated the afternoon of Oct 20, 1:00-4:30pm, **Instructor:** Chris Freundt **Class Limit:** none  
**Description:** Students will receive instruction in Cummins Quickserve, Insite, and emission operation and related problem/trouble-shooting. Also covered will be new 2024 emissions standards. *(course 2006 morning, course 2007 afternoon).*

**Thursday, October 21, 2021**

**Holiday Inn & Suites, E. Peoria**

## **AC Delco/CPS TPMS Systems**

**Class Date/Time:** Oct 21, 8:30am-12:00pm, **Instructor:** Frank **Class Limit:** none **Description:** Students will receive instruction on Tire Pressure Monitoring Systems installed on various vehicles. Direct and indirect systems will be covered in detail and will include Federal regulation and repair compliance requirements. Various OEMs will be highlighted including an overview of the operation, diagnosis, and servicing of systems and their components. Additional topics include: winter/accessory wheel fitment, TPMS tools, parts and information resources.

## **EVT F4 Prep**

**Class Date/Time:** Oct 21, 8:30am-12:00pm, **Instructor:** Ben Brown **Class Limit:** none **Description:** Students will receive knowledge to challenge EVT F4 Fire Apparatus Electrical Systems

- The exam covers the basic design and performance requirements of fire apparatus electrical systems, components of electrical systems, and preventive maintenance and troubleshooting activities *(course 2102)*

**Thursday, October 21, 2021**

**Holiday Inn & Suites, E. Peoria**

**EVT Exams 1:00p-5:00p**

**You** must register directly with EVT to test: [www.evtcc.org](http://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: **FAM**

Price \$132.00 per night plus

Block Cut Off: 09/29/2021

### **Message from IFAMA President**

*The 2021 IFAMA seminar has lots of training opportunities to offer this year. Look for some new and exciting things to come this year. IFAMA has always strived to provide the best trainings available to its membership as cost effectively as possible. It goes without saying that IFAMA truly appreciates its membership, their dedication, and your participation in our Annual Seminar. With your support, we will continue to provide the quality of trainings our membership has become accustomed to, and keep this organization moving forward.*

*Please note the hotel deadline. Get those rooms booked.*

*I look forward to seeing everyone in October.*

Rob Carpenter  
President, IFAMA

*Help Your Committee  
Please Pre-Register!*



# IFAMA 2021 Seminar Registration

## October 18-21, 2021

**ONLINE REGISTRATION:**

<https://ilfca.memberclicks.net/ifama-seminar-registration>

The 2021 IFAMA Seminar will be held October 18-21, 2021 in Peoria. Monday & Tuesday classes will be held at the Peoria Civic Center unless otherwise noted. Wednesday & Thursday 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 \$50.00/per person and cover October 2021 through September 2022. Due to limited time frame, we encourage online registration.**

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 4424, Lisle IL 60532**

*By registering online you will receive a confirmation of your courses and if paying by check an invoice will be mailed directly to you after confirmation.*

Registration	Fee	Amount
Full Registration	\$225.00	
Daily Registration	\$75.00/day	
Membership Fee	\$50.00	\$50.00
<b>TOTAL</b>		

### PAYMENT METHODS

Check Enclosed (payable to Illinois Fire Chiefs Assn.)

Bill Department PO# \_\_\_\_\_

Visa  MasterCard  Discover

Card #: \_\_\_\_\_

Expiration Date: \_\_\_\_\_ Security Code: \_\_\_\_\_

Name as it appears on Card: \_\_\_\_\_

Billing Address: \_\_\_\_\_

Signature: \_\_\_\_\_

### Monday, October 18, 2021

1801 IFAMA Annual Meeting

### Tuesday, October 19, 2021

1901 Smart Power Systems

Class Date Oct 19 8:30a-12:00p

1902 Smart Power Systems

Class Date Oct 19, 1:00p-4:30p

1903 Pumps

Class Date Oct 19 8:30a-12:00p

1904 Pumps

Class Dates Oct 19, 1:00p-4:30p

1905 Kussmaul

Class Date Oct 19 8:30a-12:00p

1906 Snap-Kussmaul

Class Date Oct 19, 1:00a-4:30

### Wednesday, October 20, 2021

2001 F3 Prep

Class Date Oct 20, 8:30a-4:30p

2002 AC Delco/CPS EVAP Diagnosis

Class Date Oct 20, 8:30a-12:00p

2003 AC Delco/CPS Multiplex Diag.

Class Date Oct 20, 1:00p-4:30p

2004 Meritor

Class Date Oct 20, 8:30a-12:00p

2005 Meritor

Class Date Oct 20, 1:00p-4:30p

2006 Cummins

Class Date Oct 20, 8:30a-12:00p

2007 Cummins

Class Date Oct 20, 8:30a-12:00p

### Thursday, October 21, 2021

2101 F4 Prep

Class Date Oct 21, 8:30a-12:00p

2102 A/C Delco/CPS TPMS

Class Dates Oct 21, 8:30a-12:00p

### Thursday, October 21, 2021

**EVT Testing - 1:00p-4:30p**

You must register directly with EVT to test