

Are you on the fast track to fire mechanic certification & professional knowledge?



**EVT EXPRESS ACADEMY**

November 3–7, 2014

Irvine & Mira Loma, California



**The California Fire Mechanics Academy can help you!**

The California Fire Mechanics Academy is proud to announce the following classes to be offered at the Orange County Fire Authority\*. Space is limited and registration is now being accepted on a first-come, first-served basis. For more detailed course descriptions and information, please visit our website at [www.cafiremech.com](http://www.cafiremech.com) Don't wait to enroll – classes will fill up quickly.

#### **CFM-115 FIRE PUMPS & ACCESSORIES**

This class covers the principles and theories associated with the pump maintenance, operation and operational pump testing required for fire apparatus and equipment. This class fulfills partial education requirements for **Level 1 Fire Mechanic certification**.

The class is a total of 36 hours, 8 hours each day Monday–Thursday, and 4 hours on Friday, concluding at noon.

**Required Materials:** Proper PPE (boots, gloves, helmet, eye & hearing protection) and calculator.

Additional \$80 California State Fire Training Testing Fee also required for this class.

#### **CFM-215C AERIAL APPARATUS**

This course will provide instruction for Emergency Vehicle Technicians on the repair and maintenance requirements of the today's Aerial Fire Apparatus. The class will include lecture, demonstration and hands-on instruction. This class fulfills partial education requirements for **Level II Fire Mechanic certification**.

The class is a total of 36 hours, 8 hours each day Monday–Thursday, and 4 hours on Friday, concluding at noon.

**Required Materials:** Calculator, coveralls & work boots.

Additional \$80 California State Fire Training Testing

#### **FM-229A DETROIT DIESEL ENGINE REPAIR, SERVICE & TROUBLESHOOTING\***

This class covers the Series 60 and DD13 Detroit Diesel engines. Course content includes troubleshooting and diagnosis, PM, tune-ups, fuel, air, lube, cooling systems & general engine repair, including a basic overview of the Exhaust Gas Recirculation (EGR) System & diagnostics, After-treatment system & electronics.

The class is a total of 36 hours, 8 hours each day Monday–Thursday, and 4 hours on Friday, concluding at noon.

**Required Materials:** Coveralls & work boots

\*This course is held at Valley Power in Mira Loma, CA

#### **FM-109 ELECTRICAL SYSTEMS I**

Instruction focuses on electrical theory, relays, transistors, semiconductors, circuits, multi-meter basics, batteries, charging systems and wiring diagrams and schematics. This course is the prerequisite to the certification course, CFM-215A Electrical Systems II

The class is a total of 32 hours, 8 hours each Monday–Thursday.

**Required Materials:** Digital Volt Ohm meter (DVOM) & calculator

## Student Registration

**NAME:** \_\_\_\_\_  
First
MI
Last

**ADDRESS:** \_\_\_\_\_  
No. & Street
City
State
Zip

**TELEPHONE:** \_\_\_\_\_  
Home
Work
Cell

**FIRE DEPARTMENT/AGENCY:** \_\_\_\_\_

**JOB TITLE:** \_\_\_\_\_
 **E-MAIL:** \_\_\_\_\_

**SFT STUDENT ID #:** \_\_\_\_\_
 **SOCIAL SECURITY #:** \_\_\_\_\_  
If no State Fire Training ID number then enter SSN

## Course Selection (Choose only one class)

<input type="radio"/> <b>CFM-115 Pumps &amp; Accessories</b>	<input type="radio"/> <b>CFM-215C Aerial Apparatus</b>
<input type="radio"/> <b>FM-229A Detroit Diesel Engine Repair, Service &amp; Troubleshooting <i>*In Mira Loma</i></b>	<input type="radio"/> <b>FM-109 Electrical Systems I</b>

Students registering individually may complete the form below and fax credit card registrations to CFMA at (916) 333-5014 or mail check registrations to: CFMA, 3318 Howard Ave, Suite 140, McClellan, CA 95652. Please call (916) 333-5044 if you have questions. **Agencies registering multiple students use form on back.**

## Payment Information

DESCRIPTION	UNIT PRICE	TOTAL
CFMA Tuition (per student)	\$450.00	
State Class Fee <small>*Required for CFM-115 and CFM-215C</small>	\$ 80.00	
Optional CFM Association Annual Dues	\$35 North/\$40 South	
	<b>Total Due:</b>	

Credit Card  VISA  MASTERCARD EXP. DATE: \_\_\_\_\_

Card Number: \_\_\_\_\_ Security Code: \_\_\_\_\_

Please Print Name on Card: \_\_\_\_\_

Billing Address: \_\_\_\_\_  
No. & Street
City
State
Zip

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

Remit by fax to (916) 333-5014 or by mail to:  
**CFMA 3318 Howard Avenue, Bldg. 338 Suite 140, McClellan, CA 95652**

Receipts will be issued upon payment received.

Class confirmations with additional instructions will be mailed directly to students by mid-October.  
Due to the limited number of spaces available, Express Academy tuition and fees are non-refundable.

## Multiple Student Registration

Please have each student fill out the Student Registration and Course Selection portions of the previous page and attach to this form.

Student Name(s):

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

### A note about group travel arrangements:

The FM-229A course is located at our alternate location, Valley Power Systems, 11300 Inland Avenue, Mira Loma, CA 91752. This location is about 60 minutes, in traffic, away from the main Orange County Fire Authority site. This should be considered when evaluating the cost benefit of sharing rental cars and hotel rooms.

## Invoice Information

Paying Agency: \_\_\_\_\_

Agency Address: \_\_\_\_\_

No. & Street

City

State

Zip

**Address Must Match Credit Card Billing Address**

Agency Telephone: \_\_\_\_\_ Supervisor: \_\_\_\_\_

QTY	DESCRIPTION	UNIT PRICE	TOTAL
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	State Class Fee <i>*Required for CFM-115 and CFM-215C</i>	\$ 80.00	
	Optional CFM Association Annual Dues	\$35 North/\$40 South	
		<b>Total Due:</b>	

Credit Card  VISA  MASTERCARD EXP. DATE \_\_\_\_\_

Card Number: \_\_\_\_\_ Security Code: \_\_\_\_\_

Please Print Name on Card: \_\_\_\_\_

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

Remit to:



**California Fire Mechanics Academy**  
**3318 Howard Avenue, Suite 140**  
**McClellan, CA 95652**  
**Fax: (916) 333-5014**  
**Phone: (916) 333-5044**

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