



**SUTPHEN**

2023 COURSE CATALOG





## TABLE OF **CONTENTS**

---

- 2** Introduction
- 3** Technician Program
- 4** Sutphen Course Descriptions
- 5** ASE & EVT Course Descriptions Vendor
- 6** Vendor Specific Trainings
- 7** Schedule
- 8** Sutphen Course Registration Form
- 9** EVT Exam Prep
- 10** Registration Form EVT Exam





To: Sutphen Dealer Network and Sutphen Customers

From: Todd Winnenberg, General Manager Sutphen Service and Technical Division

Date: August 2, 2022

RE: Sutphen 2023 Course Catalog

After a successful year of training, education, and hands-on application in 2022, the Sutphen Service and Technical Division is excited to continue its training program in 2023.

We want to thank those who participated in 2022 for both your participation and for your feedback. With your participation and feedback, we are able to continually improve and make Sutphen's training courses even better in the years to come.

With our technicians, dealers, and customers' commitment to increasing their knowledge of our products, together, we are ensuring the longevity and lifespan of each Sutphen fire apparatus.

Within this catalog, you will find the 2023 training dates which includes Sutphen-specific classes, but also includes EVT's classes and exams offered to our Sutphen customers and dealer network.

For pricing and additional information about the classes, please contact our training and technical support manager, Janalle Kizer, at [Janalle.Kizer@SutphenCorp.com](mailto:Janalle.Kizer@SutphenCorp.com) or via phone at 937-969-8851.



**TECH I****Tech I Description:**

Tech I is a beginner-level technician that has general knowledge of basic mechanics and certain Sutphen, vendor, ASE & EVT certifications

In order to certify as a Tech I, the Foundation Experience certifications listed to the right must be completed.

**Tech I Foundation Experience:**

- Sutphen Aerial Course
- ASE T4 and T5
- EVT F1 and F2
- Vendor Trainings
  - Engine Diagnostics
  - Generator
- Practical and Exam

**TECH II****Tech II Description:**

Tech II is an intermediate-level technician that has completed all Tech I Foundation Experience certifications in addition to those listed to the right.

**Tech II Foundation Experience:**

- Sutphen Pumper Course
- ASE T2, T3 and T6
- EVT F3 and F4
- Vendor Trainings
  - Pump Maintenance
  - Multiplexing Theory
- Practical and Exam

**TECH III****Tech III Description**

Tech III is a master-level technician that holds all Tech I and Tech II Foundation Experience certifications in addition to those listed to the right.

**Tech III Foundation Experience:**

- Sutphen Advanced Course
- ASE T1 and T7
- EVT F5 and F6
- Vendor Trainings
  - Advanced Engine Diagnostics
  - Transmission Diagnostics
  - Aerial Controls
- Practical and Exam



# SUTPHEN SPECIFIC TRAININGS

## AERIAL

### Operations & Maintenance

The Sutphen Aerial training course offers a general operations and maintenance review. This course will teach you troubleshooting tips and diagnostics while having an opportunity for hands-on training to apply processes learned in this course.



## PUMPER

### Operations & Maintenance

This course will provide you with the knowledge and tools needed to maintain your pumper and understand how its various systems work on your fire apparatus. There will be classroom sessions for general operations and maintenance reviews, as well as hands-on training.



## SUTPHEN ADVANCED

In this course, you will participate in a deep dive on pumps, aerial controls, hydraulics and multiplexing theory. This is for advanced technicians that want to reach the next level.





# AUTOMOTIVE SERVICE EXCELLENCE AND EMERGENCY VEHICLE TECHNICIAN

## ASE CERTIFICATIONS

- T1** - Gasoline Engines
- T2** - Diesel Engines
- T3** - Drive Train
- T4** - Brakes
- T5** - Suspension & Steering
- T6** - Electrical/Electronic Systems
- T7** - Heating, Ventilation, & Air Conditioning (HVAC)
- T8** - Preventative Maintenance Inspection

\*ASE Classes are offered online through Garage Gurus. Examinees are responsible for registering & paying for their classes & exams. ASE exams can be registered through the myASE portal.



**F1** - Maintenance, Inspection, and Testing of Fire Apparatus

**F2** - Design & Performance Standards of Fire Apparatus

**F3** - Fire Pumps & Accessories

**F4** - Fire Apparatus Electrical Systems

**F5** - Aerial Fire Apparatus

**F6** - Allison Automatic Transmissions

**F7** - Foam Apparatus and Systems

**F8** - Hydraulics

**FA4** - Advanced Electrical Systems

\*EVT Exams will be offered after each EVT Exam Prep class. Examinees are responsible for registering & paying for their exams with the EVT Certification Commission. Sutphen will ONLY proctor this exam.





# VENDOR SPECIFIC TRAININGS

## **PUMP TRAININGS**

**Technician Level II** - Hale  
- Waterous

## **DIAGNOSTICS TRAINING**

**Technician I** - Cummins

**Technician III** - Allison

**Technician III** - Detroit

## **GENERATOR TRAININGS**

**Technician I** - Smart Power

## **AERIAL CONTROLS TRAININGS**

**Technician III** - Sauer-Danfoss

- OEM Controls

- Intellitec

## **ELECTRICAL TRAININGS**

**Technician II** - Class 1

## **PREFERRED ADDITIONAL CERTIFICATIONS**

**Welder Cert** - 2G, 3G (Steel, SS, & Aluminum Plate)

**Welder Cert** - 5G, 6G (SS & Aluminum Pipe)

**State of Ohio** - CDL Class A/B







## 2023 SUTPHEN TRAINING SCHEDULE

**Jan 9-13** EVT F1- Maintenance, Inspection, and Testing Fire Apparatus  
EVT F3- Fire Pump & Accessories

**Feb 7-9** Pumper Operations & Maintenance

**Feb 13-16** EVT F4- Fire Apparatus Electrical Systems

**Mar 7-9** Aerial Operations & Maintenance

**Apr 10-14** EVT F2- Design & Performance Standards of Fire Apparatus  
EVT F6- Allison Automatic Transmissions

**May 9-11** Pumper Operations & Maintenance

**Jun 13-15** Aerial Operations & Maintenance

**Jul 10-13** EVT F5- Aerial Fire Apparatus

**Aug 8-10** Pumper Operations & Maintenance

**Sep 12-14** Aerial Operations & Maintenance

**Oct 2-6** EVT F8- Hydraulics  
EVT FA4- Advanced Electrical Systems

**Oct 9-11** EVT F7- Foam Apparatus & Systems

**Nov 7-9** Pumper Operations & Maintenance

**Dec 12-14** Aerial Operations & Maintenance

• All of these courses are offered onsite at our Service & Technical Division. EVT Exam Prep classes will offer proctored exams immediately following classes. It is the Examinees responsibility to register & pay for the exam with the EVT Certification Commission.



# SUTPHEN TRAINING COURSE REGISTRATION FORM

Name: \_\_\_\_\_

Participant Name: \_\_\_\_\_

Company or Fire Department: \_\_\_\_\_

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

City: \_\_\_\_\_ State: \_\_\_\_\_

Zip Code: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Email: \_\_\_\_\_

## 2023 TRAINING

### AERIAL

Mar 7-9

Jun 13-15

Sept 12-14

Dec 12-14

### PUMPER

Feb 7-9

May 9-11

Aug 8-10

Nov 7-9



Email your completed form to  
[Janelle.Kizer@sutphencorp.com](mailto:Janelle.Kizer@sutphencorp.com)

Course Name	Date	Cost	Total
Aerial Training & Maintenance		\$600	
Pumper Training & Maintenance		\$600	

Payment must be made in full prior to the date of training to reserve your seat. **Payment due date is 30 days prior to class start date.**

## PAYMENT METHOD:

☐ **MasterCard or Visa**

Card Number: \_\_\_\_\_ Exp. Date: \_\_\_\_\_ Security Code: \_\_\_\_\_

Name on Card: \_\_\_\_\_ Signature \_\_\_\_\_

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

☐ **Check:**

Please enclose a check payable to **Sutphen Corporation**, reference "Training Class" and mail to:  
 Sutphen Corporation / 6450 Eiterman Road / Dublin, Ohio 43016

**To check training availability or to reserve by phone, call 937-969-8851**

Please note cancellation without 10 days prior notice will result in a \$250 fee. Also, please fill out one registration form per attendee. Hands on training will be held outdoors, please dress accordingly to the weather forecast.





# EVT EXAM PREP COURSE REGISTRATION FORM

Name: \_\_\_\_\_

Participant Name: \_\_\_\_\_

Company or Fire Department: \_\_\_\_\_

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

City: \_\_\_\_\_ State: \_\_\_\_\_

Zip Code: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Email: \_\_\_\_\_

## 2023 TRAINING

Class 1 (F1 & F3) ..... Jan 9-13  
Class 2 (F4) ..... Feb 13-16  
Class 3 (F2 & F6) ..... Apr 10-14  
Class 4 (F5) ..... Jul 10-13  
Class 5 (F8 & FA4) ..... Oct 2-6  
Class 6 (F7) ..... Oct 9-11



Email your completed form to  
[Janelle.Kizer@sutphencorp.com](mailto:Janelle.Kizer@sutphencorp.com)

Course Name	Date	Cost	Total
EVT Exam Prep Class		\$600	

Payment must be made in full prior to the date of training to reserve your seat. **Payment due date is 30 days prior to class start date.**

## PAYMENT METHOD:

☐ **MasterCard or Visa**

Card Number: \_\_\_\_\_ Exp. Date: \_\_\_\_\_ Security Code: \_\_\_\_\_

Name on Card: \_\_\_\_\_ Signature \_\_\_\_\_

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

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Since 1890, Sutphen has pursued the mission to build the safest, most reliable, fire apparatus in the world through innovation and customer focus.

We provide our customers training opportunities so that they can maintain and service their piece of Sutphen heritage.

With our company's core values as our foundation, we put forth these classes with innovation, integrity, teamwork, respect, quality and accountability as our top priorities.

**Strong. Stable. Committed.**