



# SUTPHEN

## 2021 Course Catalog







FAMILY OWNED  
SINCE 1890

To: Dealer Network and Customers

August 3, 2020

As Sutphen continues to improve and enhance its factory-direct service capabilities, the new Sutphen Service and Technical Division will soon implement a rigorous training program for its Sutphen service employees.

This training program includes EVT courses and certifications; ASE courses and certifications; Sutphen-specific courses and certifications; vendor-specific courses and certifications; and more.

These levels of expertise can be seen and understood via the Sutphen 2021 Course Catalog. This course catalog will break down the various courses that our service technicians will take.

While the entire course catalog will be required for Sutphen's service technicians through a multi-year process, we welcome our dealer representatives and customers to join our classes and embrace the Sutphen Experience.

Within the catalog, the "2021 Training Dates" are the classes and exams we will offer to our dealer network and Sutphen customers. For pricing and additional details about the classes, please contact our Training & Technical Support Manager, Janelle Kizer, at [Janelle.Kizer@sutphencorp.com](mailto:Janelle.Kizer@sutphencorp.com) or via phone at (937)969-8851.

While Sutphen is not only offering various classes to dealers and customers, the participation of Sutphen's service technicians emphasizes Sutphen's commitment to its customers in post-sale service. The level of scrutiny our service technicians will be held to should bolster confidence in Sutphen's already renowned service after the sale.

Best Regards,

Todd Winnenberg  
General Manager  
Sutphen Service & Technical Division





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# TECHNICIAN PROGRAM

## 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 II** is an Intermediate Level technician that has completed all TECH I Foundation Experience certifications in addition to those listed to the right.

**TECH III** is a Master Level technician that holds all TECH I & II Foundation Experience certifications in addition to those listed to the right.

## FOUNDATION EXPERIENCE

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

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

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

technician





## SUTPHEN SPECIFIC TRAININGS

### **SUTPHEN SERVICE & TECHNICAL DIVISION**

PHONE:  
(937)969-8851

WEBSITE:  
[www.sutphen.com](http://www.sutphen.com)

ADDRESS:  
49 N Ludlow Road  
Urbana, Ohio 43078

## TRAINING DESCRIPTIONS

### **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 pump and multiplexing theory. This is for advanced technicians that want to reach the next level.*

training



# AUTOMOTIVE SERVICE EXCELLANCE & EMERGENCY VEHICLE TECHNICIAN

## **SUTPHEN SERVICE & TECHNICAL DIVISION**

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(937)969-8851

WEBSITE:  
[www.sutphen.com](http://www.sutphen.com)

ADDRESS:  
49 N Ludlow Road  
Urbana, Ohio 43078

## **TRAINING DESCRIPTIONS**

### **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.**

<https://www.drivparts.com/learning/Pages/courseCatalog.aspx>

### **EVT Certifications**

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

F4A- 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.**

# training





## VENDOR SPECIFIC TRAININGS

### **SUTPHEN SERVICE & TECHNICAL DIVISION**

PHONE:  
(937)969-8851

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[www.sutphen.com](http://www.sutphen.com)

ADDRESS:  
49 N Ludlow Road  
Urbana, Ohio 43078

## TRAINING DESCRIPTIONS

### **PUMP TRAININGS**

*Technician Level II* - Hale  
- Waterous

### **DIAGNOSTICS TRAINING**

*Technician I* - Cummins  
*Technician III* - Allison  
*Technician III* - Detroit

### **GENERATOR TRAININGS**

*Technician I* - Smart Power

### **AREIAL 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

training



## TRAINING SCHEDULE

### SUTPHEN SERVICE & TECHNICAL DIVISION

PHONE:  
(937)969-8851

WEBSITE:  
[www.sutphen.com](http://www.sutphen.com)

ADDRESS:  
49 N Ludlow Road  
Urbana, Ohio 43078

## 2021 TRAINING DATES

JANUARY 11-15	EVT F1 & F3
FEBRUARY 8-11	EVT 4
FEBRUARY 16-18	PUMPER OPERATIONS & MAINTENANCE
MARCH 9-11	AERIAL OPERATIONS & MAINTENANCE
MAY 11-13	PUMPER OPERATIONS & MAINTENANCE
JUNE 8-10	AERIAL OPERATIONS & MAINTENANCE
JULY 12-16	EVT F4A & F8
AUGUST 2-6	EVT F2 & F6
AUGUST 10-12	PUMPER OPERATIONS & MAINTENANCE
SEPTEMBER 7-9	AERIAL OPERATIONS & MAINTENANCE
OCTOBER 11-14	EVT F5
NOVEMBER 9-11	PUMPER OPERATIONS & MAINTENANCE
NOVEMBER 30- DECEMBER 2	EVT F7
DECEMBER 7-9	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.*

schedule



# SUTPHEN

## Training Course

### Registration Form

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

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

Company: \_\_\_\_\_

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

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

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

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

#### 2021 Training Dates

Aerial-	Mar 9-11 <sup>th</sup>
	Jun 8-10 <sup>th</sup>
	Sep 7-9 <sup>th</sup>
	Dec 7-9 <sup>th</sup>
Pumper-	Feb 16-18 <sup>th</sup>
	May 11-13 <sup>th</sup>
	Aug 10-12 <sup>th</sup>
	Nov 10-12 <sup>th</sup>

E-mail your completed form to

Janelle.Kizer@sutphencorp.com

CLASS	Unit Price	Training DATE	TOTAL
Aerial Training & Maintenance	\$500		
Pumper Training & Maintenance			

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 ☐ Visa

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

Name on card \_\_\_\_\_ Signature \_\_\_\_\_

Billing Address ☐ Same As Above \_\_\_\_\_

☐ **Check**

Please enclose a check payable to **SUTPHEN Corporation**, reference "Training Class" and mail to:  
SUTPHEN Corporation • 6450 Eitherman Rd. • Dublin, OH 43016

**To check availability for training dates or 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.





# SUTPHEN

## EVT Exam Prep Course

### Registration Form



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

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

Company: \_\_\_\_\_

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

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

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

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

#### 2021 EVT Training Dates

Class 1 (F1 & F3)	Jan 11-15 <sup>th</sup>
Class 2 (F4)	Feb 8-11 <sup>th</sup>
Class 3 (F8 & F4A)	Jul 12-16 <sup>th</sup>
Class 4 (F2 & F6)	Aug 2-6 <sup>th</sup>
Class 5 (F5)	Oct 11-14 <sup>th</sup>
Class 6 (F7)	Nov 30 <sup>th</sup> – Dec 2 <sup>nd</sup>

E-mail your completed form to

Janelle.Kizer@sutphencorp.com

CLASS	Unit Price	Training DATE	TOTAL
EVT Exam Prep Class	\$325		

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 ☐ Visa

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

Name on card \_\_\_\_\_ Signature \_\_\_\_\_

Billing Address ☐ Same As Above \_\_\_\_\_

☐ **Check**

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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.

We are Sutphen.

Strong . Stable . Committed .



Service & Technical Division  
49 N Ludlow  
Urbana, Ohio 43078

