

2025 COURSE CATALOG



SPH 100



SA 75



SLR 75



SP 70



SL 100



SPI 95



SLTDA 105



SL 75



PUMPER



SP 95/100



SLR 108



CHASSIS

135 YEARS OF FAMILY-OWNED FIRE INDUSTRY EXPERIENCE

+

Join us in 2025 as we host service and maintenance classes for all Sutphen models and EVT classes for technicians of every skill level.





TABLE OF CONTENTS

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





Since its inception in 1890, Sutphen has witnessed significant changes within the fire industry.

Innovations in tools, advancements in apparatus, updated tactics in firefighting and more have evolved over the years. However, one constant has remained – the Sutphen family leading Sutphen Corporation.

In 2025, you will have the opportunity to experience firsthand what it means to do business with a family-owned company of 135 years. With service and EVT classes offered in our brand-new, 185,000-square-foot facility, there will be new information to learn and official certifications to earn.

Sutphen's comprehensive and wide-ranging classes offered throughout the year cater to emergency vehicle technicians of every skill level. With Sutphen-specific pumper and aerial classes focusing on proper maintenance techniques and prolonging the life of your Sutphen apparatus, these classes are ideal for technicians of every level or even firefighters who want to get more acquainted with their apparatus.

Both the Sutphen-specific pumper and Sutphen-specific aerial class include classroom sessions and hands-on training from Sutphen's corporate service teams and are offered numerous times throughout the year.

Additionally, Sutphen offers Emergency Vehicle Technician Certification Commission prep sessions and officially proctored exams for every level – from beginner F1 EVT classes to advanced F8 level classes. These EVT classes culminate with an on-site exam upon completion of the course.

This unique opportunity to sit for a proctored Emergency Vehicle Technician Certification Commission exam immediately after completing a class has proven beneficial for exam takers.

Sessions are available year-round.

For more information, refer to this packet or contact Sutphen's service and technical group directly.

You can find their contact information below:

Phone: 866-287-5549

Email: Training@SutphenCorp.com

www.sutphen.com



TECHNICIAN PROGRAM

Established in 2021, the Sutphen Technician Program designates three levels of officially certified Sutphen technicians.

To become an officially certified Sutphen technician, you must meet or exceed the requirements shown below.

With three levels of certification, technicians are afforded the opportunity to grow within Sutphen's program while also creating opportunities for themselves outside of Sutphen.

You can find additional details about each of the requirements including Sutphen-specific courses, ASE classes, EVT classes and vendor-specific training in the following pages.

TECH I TECH II TECH III

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 be certified as a Tech I, the Foundation Experience certifications listed below must be completed.

Tech II Description:

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

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 below.

Tech I Foundation Experience:

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

Tech II Foundation Experience:

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

Tech III Foundation Experience:

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

SUTPHEN SPECIFIC TRAININGS



Sutphen's aerial training course focuses on general operations, proper maintenance techniques and prolonging the life of your aerial. This course will teach classroom troubleshooting and diagnostics while also providing hands-on training opportunities. This multi-faceted class will provide attendees opportunities to better themselves and their department's Sutphen aerial apparatus.



PUMPER

Operations & Maintenance

Sutphen's pumper training course provides attendees with the knowledge and tools needed to maintain their Sutphen pumper and understand its various technical systems. The blended classroom and hands-on sessions enable attendees to learn both theoretical systems and practical applications for servicing and prolonging the life of their Sutphen pumper.



AUTOMOTIVE SERVICE EXCELLENCE AND EMERGENCY VEHICLE TECHNICIAN

The National Institute for Automotive Service Excellence and EVT Certification Commission offer a wide variety of classes that will help the skill set of any attendee.

For information about both ASE Certifications and EVT Certifications, see below:

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 AVI on demand. Examinees are responsible for registering & paying for their classes & exams. ASE exams can be registered through the myASE portal.





https://www.ase.com/

EVT CERTIFICATIONS

- F1 Maintenance, Inspection, & 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 & 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.







https://evttraining.net/

VENDOR SPECIFIC TRAININGS

Sutphen fire apparatus are comprised of numerous parts from key vendors and understanding the components and maintenance of these vendor items is critical to the overall maintenance of your apparatus.

As added opportunities, Sutphen offers vendor-specific trainings. These trainings will help technicians prolong the life of their apparatus by creating a comprehensive maintenance plan for your unit.

See the vendor-specific trainings below:

PUMP TRAININGS

Technician Level II - Hale

- Waterous

DIAGNOSTICS TRAINING

Technician I - Cummins

Technician III - Allison

Technician III - Detroit

GENERATOR TRAININGS

Technician I - Smart Power & Harrison

AERIAL CONTROLS TRAININGS

Technician III - Sauer-Danfoss

- OEM Controls

- Intellitec

ELECTRICAL TRAININGS

Technician II - Class 1 / J1939

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





2025 SUTPHEN TRAINING SCHEDULE

Jan 13-17	EVT F1- Maintenance, Inspection, and Testing Fire Apparatus EVT F3- Fire Pump & Accessories	
Feb 11-13	Pumper Operations & Maintenance	
Feb 17-20	EVT F4- Fire Apparatus Electrical Systems	
Mar 11-13	Aerial Operations & Maintenance	
Apr 7-11	EVT F2- Design & Performance Standards of Fire Apparatus EVT F6- Allison Automatic Transmissions	
May 6-8	Pumper Operations & Maintenance	
Jun 10-12	Aerial Operations & Maintenance	
Jun 17-19	EVT F7- Foam Apparatus & Systems	
Jul 7-9	EVT F5- Aerial Fire Apparatus	
Aug 12-14	Pumper Operations & Maintenance	
Sep 9-11	Aerial Operations & Maintenance	
Oct 6-10	EVT F8- Hydraulics EVT FA4- Advanced Electrical Systems	
Nov 11-13	Pumper Operations & Maintenance	
Dec 10-12	Aerial Operations & Maintenance	

[·] All of these courses are offered onsite at our Sutphen Urbana facility, 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,



Please note cancellation without 10 days prior notice will result in a \$250 fee.

Hands on training will be held outdoors, please dress accordingly to the weather forecast.

Please fill out one registration form per attendee.

SUTPHEN TRAINING COURSE REGISTRATION FORM

Name:		2025 T	RAINING
Participant Name: Company or Fire Department: Address: City:		AERIAL Mar 11 - 13 Jun 10 - 12 Sept 9 - 11 Dec 10 - 12	PUMPER Feb 11-13 May 6-8 Aug 12-14 Nov 11-13
Zip Code:		The state of the s	ompleted form to
Email:		Training@Sc	utphenCorp.com
Course Name	Date	Cost	Total
Aerial Training & Maintenance		\$650	
Pumper Training & Maintenance		\$650	
Payment must be made in full prior to the date of training to reserve y	our seat. Payment due date is 30 days prior to class	start date.	
PAYMENT METHOD: MasterCard or Visa			
Card Number:	Exp. Date:	Security Code	e:
Name on Card:	Signature		
Billing Address:			
☐ Check: Please enclose a check payable to Sutphe Sutphen Corporation / 6450 Eiterman Roo	선물 살이 아무지 않는데 가지 않는데 되었다. 그런 그 그렇게 되었다. 현재 전경하는 경험을 하셨다면 하다 하다.	Class" and mail to:	
To check training availe	ability or to reserve by phone, co	ıll 937-969-8851	





EVT EXAM PREP COURSE REGISTRATION FORM

Name:		2025 TRAINING
Participant Name:		Class 1 (F1 & F3)
Company or Fire Department:		Class 3 (F2 & F6)
Address:		Class 4 (F7)
City:	State:	
	Phone Number:	Email your completed form to
Email:		Training@SutphenCorp.com
Course Name	Date	Cost Total
EVT Exam Prep Class		\$650
Payment must be made in full prior to the date of training to	reserve your seat. Payment due date is 30 days prior t	o class start data
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	leselve your seut. Fuyinem ude uule is 30 uuys prior i	o class statt date.
PAYMENT METHOD:		
MasterCard or Visa		
Card Number:	나가 아들까지 하는 사람들이 하는 이렇게 되었다면서 하는 것 같아요? 그렇게 되었다고 있는 하는 하는 사람들이다.	Security Code:
Name on Card: Billing Address:	Signature <u>*</u>	
billing Address:		
☐ Check:		•
Please enclose a check payable to Su	utphen Corporation, reference "Tra	ining Class" and mail to:
Sutphen Corporation / 6450 Eiterme		
To check training o	ıvailability or to reserve by phon	e, call 937-969-8851

Please fill out one registration form per attendee,

Please note cancellation without 10 days prior notice will result in a \$250 fee.

Hands on training will be held outdoors, please dress accordingly to the weather forecast.

EVT Certification Commission, Inc. Exam Registration / EVT Invoice Have you ever registered for an EVT Certification exam before? Yes XXX-XX -Work Phone Last 4 Digits of Social Security # cell or home phone First Name MI Last Name Mailing Address Zip or Postal Code City State Email address: Confirmation will be emailed within 3 business days Date of Birth **Employer Name:** Sex: Male Female Education: yrs DATE OF EXAM: 21 Day Advance Registration Required TEST SITE # CITY go to www.evtcc.org for list of sites and dates Blacken the square for exam- a maximum of 2 regular exams or 6 re-certification exams or a combo of 1 reg & 3 recerts may be taken. *Note: Re-certification exams are for technicians whose certification is expiring. EVT Certification reserves the right to affirm to interested parties the areas in which Regular Re-certification* a technician is EVT Certified. \$60.00 \$35.00 Fire Apparatus Exams Fees: Number of: F-1 Maintenance, Inspection, & Testing П F2 F-2 Design & Performance Regular exams: X \$60.00 = \$F3 F-3 Fire Pumps & Accessories F-4 Electrical Systems П Re-certification exams: X \$35.00 = \$ FA-4 Advanced Electrical Systems FA4 to certify in FA-4 you must certify in F4 or E2 Total Amount Due = \$ F5 F-5 Aerial Fire Apparatus Payment by check credit card F6 F-6 Allison Automatic Transmission F-7 Foam Systems Credit Card # F8 П П F-8 Hydraulic Systems **Expiration Date** GL **GL** Ground Ladder Testing **DO1 DO1 Driver Operator Inspection** Cardholder Name **Ambulance Exams** E₀ E-0 Maintenance, Inspection & Testing Cardholder address and postal code-if different from applicant E1 E-1 Design & Performance F2 П П E-2 Electrical Systems Cardholder email E-3 HVAC **E3** П П Signature of cardholder: E4 E-4 Cab, Chassis & Powertrain Airport Rescue & Firefighting Vehicle Exams You will receive a Confirmation Letter and Reference/Objective list within three П П A-1 Design & Performance Α1 business days by email. You must have the confirmation letter to be admitted to the exam, along with A-2 Chassis & Components A2 PICTURE ID. A-3 Extinguishment Systems

Send to EVT Certification Commission, Inc. PO Box 894, Dundee, IL 60118 or FAX: 847- 426-4076

or REGISTER ON-LINE at www.evtcc.org

April 16, 2021 phone: 847-426-4075 email: evtcert@evtcc.org

to certify in M-2 you must certify in M1

L-1 Law Enforcement Vehicle Installation

Management Level I Supervisor

Management Level II Supervisor

L1

M1





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 with 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.