



SUTPHEN

2023 COURSE CATALOG



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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, Janelle Kizer, at Training@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 16-20 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	PUMPER
Mar 7-9	Feb 7-9
Jun 13-15	May 9-11
Sept 12-14	Aug 8-10
Dec 12-14	Nov 7-9



Email your completed form to
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

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: _____

Check:

Please enclose a check payable to **Sutphen Corporation**, reference "Training Class" and mail to:
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EVT Certification Commission, Inc. Exam Registration / EVT Invoice

Have you ever registered for an EVT Certification exam before? Yes No

XXX- XX -
Last 4 Digits of Social Security #

- -
cell or home phone

- -
Work Phone

Last Name

First Name

MI

Mailing Address

City

State

Zip or Postal Code

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

ST

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 a technician is EVT Certified.

Regular	Re-certification*	
\$60.00	\$35.00	<u>Fire Apparatus Exams</u>
F1 <input type="checkbox"/>	<input type="checkbox"/>	F-1 Maintenance, Inspection, & Testing
F2 <input type="checkbox"/>	<input type="checkbox"/>	F-2 Design & Performance
F3 <input type="checkbox"/>	<input type="checkbox"/>	F-3 Fire Pumps & Accessories
F4 <input type="checkbox"/>	<input type="checkbox"/>	F-4 Electrical Systems
FA4 <input type="checkbox"/>	<input type="checkbox"/>	FA-4 Advanced Electrical Systems to certify in FA-4 you must certify in F4 or E2
F5 <input type="checkbox"/>	<input type="checkbox"/>	F-5 Aerial Fire Apparatus
F6 <input type="checkbox"/>	<input type="checkbox"/>	F-6 Allison Automatic Transmission
F7 <input type="checkbox"/>	<input type="checkbox"/>	F-7 Foam Systems
F8 <input type="checkbox"/>	<input type="checkbox"/>	F-8 Hydraulic Systems
GL <input type="checkbox"/>	<input type="checkbox"/>	GL Ground Ladder Testing
DO1 <input type="checkbox"/>	<input type="checkbox"/>	DO1 Driver Operator Inspection
		<u>Ambulance Exams</u>
E0 <input type="checkbox"/>	<input type="checkbox"/>	E-0 Maintenance, Inspection & Testing
E1 <input type="checkbox"/>	<input type="checkbox"/>	E-1 Design & Performance
E2 <input type="checkbox"/>	<input type="checkbox"/>	E-2 Electrical Systems
E3 <input type="checkbox"/>	<input type="checkbox"/>	E-3 HVAC
E4 <input type="checkbox"/>	<input type="checkbox"/>	E-4 Cab, Chassis & Powertrain
		<u>Airport Rescue & Firefighting Vehicle Exams</u>
A1 <input type="checkbox"/>	<input type="checkbox"/>	A-1 Design & Performance
A2 <input type="checkbox"/>	<input type="checkbox"/>	A-2 Chassis & Components
A3 <input type="checkbox"/>	<input type="checkbox"/>	A-3 Extinguishment Systems
L1 <input type="checkbox"/>	<input type="checkbox"/>	L-1 Law Enforcement Vehicle Installation
M1 <input type="checkbox"/>	<input type="checkbox"/>	M-1 Management Level I Supervisor
M2 <input type="checkbox"/>	<input type="checkbox"/>	M-2 Management Level II Supervisor to certify in M-2 you must certify in M1

Fees:	Number of:
Regular exams:	X \$60.00 = \$
Re-certification exams:	X \$35.00 = \$

Total Amount Due = \$
Payment by check credit card

Credit Card #

Expiration Date

Cardholder Name

Cardholder address and postal code-if different from applicant

Cardholder email

Signature of cardholder:

You will receive a Confirmation Letter and Reference/Objective list within three business days by email.

You must have the confirmation letter to be admitted to the exam, along with PICTURE ID.

or REGISTER ON-LINE at www.evtcc.org

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

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



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.