



2024

COURSE CATALOG





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





SUTPHEN SINCE 1890

Service EVT Classes

Why Get Certified by the EVT Commission

Getting certified as an emergency vehicle technician is rewarding. It's reliable. It's recognizable. It's an investment.

As an emergency vehicle technician (EVT), passing the Emergency Vehicle Technician Certification Commission's national exams empowers you to become an asset to your fire department, your fleet maintenance crew and/or your business. While the path to certification may take time, the EVT Commission creates a baseline for acceptable standards and allows apparatus operators to ensure that only the best technicians are maintaining their sophisticated pieces of machinery.

Sutphen's Service and Technical Division now offers prep classes and proctored exams for the EVT Certification Commission's national exams. Below are four reasons why every emergency vehicle technician should get board certified and propel their careers forward with continued learning opportunities.

- **Opportunity for Additional Pay**

- Your bottom line is where the rubber meets the road (pun intended). At the end of the day, as an EVT, taking classes, passing exams and proving your abilities to your department, your fleet or your business makes you more valuable. By taking apparatus maintenance classes and EVT national exams, you increase the chance of pay raises and increase your own marketability.

- **Learn from the Best**

- The emergency vehicle space is one full of pride. Whether it is the firefighters washing Ladder 12 or the EVTs getting Engine 15 back on the road, pride in your work goes a long way. When you have the opportunity to learn from the best in the trade, you take it. Sutphen's EVT classes are taught by Sutphen's own technicians who implement a robust hands-on and classroom training schedule.

- **Career Advancement**

- Proving yourself as a master emergency vehicle technician increases credibility, responsibility and the chances of getting that ever-sought-after promotion. As you look to advance in any stage of your career, continued learning is a fundamental piece. By taking classes and passing national exams, you prove yourself as a knowledgeable technician who can take their career to the next level.

- **Employers Need You**

- Employers need trained and certified emergency vehicle technicians. As a certified EVT, you become a reliable and integral piece in every emergency vehicle space.

For additional information about Sutphen's class opportunities and the Emergency Vehicle Technician Certification Commission's national exams, reach out to the Sutphen Service and Technical Division via phone or email.

Phone: 866-287-5549

Email: Training@SutphenCorp.com

www.sutphen.com



TECHNICIAN PROGRAM

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

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 below.

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.



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 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/>



<https://aviondemand.com/>

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
- 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.



<http://www.evtcc.org/>



<https://evttraining.net/>

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, Harrison, Onan

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





2024 SUTPHEN TRAINING SCHEDULE

Jan 8-12 EVT F1- Maintenance, Inspection, and Testing Fire Apparatus
EVT F3- Fire Pump & Accessories

Feb 6-8 Pumper Operations & Maintenance

Mar 5-7 Aerial Operations & Maintenance

Apr 8-12 EVT F2- Design & Performance Standards of Fire Apparatus
EVT F6- Allison Automatic Transmissions

Apr 15-17 EVT F5- Aerial Fire Apparatus

May 7-9 Pumper Operations & Maintenance

May 15-17 EVT F4- Fire Apparatus Electrical Systems

Jun 4-6 EVT F7- Foam Apparatus & Systems

Jun 11-13 Aerial Operations & Maintenance

Aug 6-8 Pumper Operations & Maintenance

Sep 10-12 Aerial Operations & Maintenance

Nov 5-7 Pumper Operations & Maintenance

Dec 10-12 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: _____

2024 TRAINING	
AERIAL	PUMPER
Mar 5-7	Feb 6-8
Jun 11-13	May 7-9
Sept 10-12	Aug 6-8
Dec 10-12	Nov 5-7



Email your completed form to
Training@SutphenCorp.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 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: _____

2024 TRAINING	
Class 1 (F1 & F3) Jan 8-12
Class 2 (F2 & F6) Apr 8-12
Class 3 (F5) Apr 15-17
Class 4 (F4) May 15-17
Class 5 (F7) Jun 4-6


 Email your completed form to
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 to class start date.**

PAYMENT METHOD:

MasterCard or Visa

Card Number: _____ Exp. Date: _____ Security Code: _____

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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** **ST**
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 a technician is EVT Certified.

Regular	Re-certification*	Fire Apparatus Exams
\$60.00	\$35.00	
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



SUTPHEN SINCE 1890

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.