

Texas Fire & Rescue Service Training

450+ Hours of Online Courses Help Meet TCFP and TX DSHS Training Requirements

Vector Solutions offers a sophisticated learning and training management system that supports Texas fire and rescue service training, including online NFPA-based fire training and state approved EMS continuing education to help meet Texas fire and EMS recertification requirements.

Vector Solutions offers high quality fire training and **is a recommended online education provider by the Texas Commission on Fire Protection's (TCFP)**. The department fire chief or designated authority selects the Vector courses that will meet TCFP's standards as appropriate for their agency.



Vector Solutions is an **approved provider by the Texas Department of State Health Services (DSHS)** and is a CAPCE-accredited organization. Accepted CE hours are determined by the local medical director.

Experience Training Management Software Designed for Fire Departments

Manage 100% of your department's training in one place.

- ✓ Help meet TCFP's 20 continuing education (CE) hours required annually for the 8 required certifications.
- ✓ Help meet additional annual training requirements for Haz Mat recertification.
- ✓ Simplify meeting TX DSHS 4-year EMS renewal cycle continuing education requirements with Vector's approved online EMS courses, including a 2-hour Jurisprudence course specifically designed for Texas.
- ✓ Satisfy NREMT requirements with Vector's EMS content. We automatically report course completions to CAPCE to expedite training reporting for providers!
- ✓ Comply with Texas House Bill (HB) 3834 by completing the required 2-hour annual cybersecurity training using Vector's certified Cybersecurity Awareness for Employees Program online course.
- ✓ Document all training (classroom, online, live skill), streamline ISO training tracking, monitor licenses and certifications, and generate comprehensive reports in one system.
- ✓ Capture hands-on demonstrations with the integrated live skills mobile app to accelerate skill mastery, strengthen compliance, and gain total insight into your training program.
- ✓ TCOLE-approved content is available as needed.

**Training Officers LOVE TargetSolutions because all training (online, classroom, skills, etc.)
is in one place—digital, searchable, reportable—and easy to track.**

Vector's Fire Courses

Vector's Fire Courses	Hours
ARFF: Adapting and Using Structural Equipment	1
ARFF: Aircraft Cargo Hazards (2 modules)	1.5
ARFF: Aircraft Familiarization	0.5
ARFF: Aircraft Rescue - Emergency Communications	0.5
ARFF: Airport Rescue And Firefighting Ops	0.5
ARFF: Application of Extinguishing Agents (4 modules)	4
ARFF: Aviation Incident Response/Crash Rescue Management	1
ARFF: Command and Control of Aircraft Incidents	0.5
ARFF: Emergency Aircraft Evacuation	0.5
ARFF: Out of the Blue	0.5
ARFF: Personnel Safety	0.5
ARFF: Vehicle Rescue	1
ARFF: Water Rescue	1
Carbon Monoxide	1
Customer Service for Fire Department Personnel	1
Effective Fire Inspections at Places of Assembly	1
Electric and Alternative Fuel Vehicles for First Responders	1
Emergency Response to Terrorism (4 modules)	4
Ethics	1
Fire & EMS Grant Writing	1
Fire Alarm Systems	1
Fire Industry Driver Intersection Safety	1
Fire Industry Driver Operator	1
Fire Industry Introduction to Wildland Fire Behavior	1
Fire Service Health and Safety	1
Fire Service Health and Safety Part II	1
First Responder Hybrid Vehicle Incidents	1
Health and Wellness in Public Safety	1
High-Rise Safety Inspection	1
How to Read a Building	1
Human Trafficking Basics for First Responders	1
Interactions with Individuals with Disabilities	1

Vector's Fire Courses	Hours
Leadership and Ethics	1
Maximizing Your Volunteer Firefighter Recruitment Efforts with an Effective Open House	0.5
NFPA 1001 Building Construction	1
NFPA 1001 Fire Behavior	0.5
NFPA 1001 Fire Control	1
NFPA 1001 Fire Department Communications	1.5
NFPA 1001 Fire Detection, Alarm & Suppression Systems	1
NFPA 1001 Fire Hose	1
NFPA 1001 Fire Prevention and Public Education	1
NFPA 1001 Fire Streams	1
NFPA 1001 Firefighter Orientation and Safety	1
NFPA 1001 Firefighter Personal Protective Equipment	1
NFPA 1001 Firefighting Foams	1
NFPA 1001 Forcible Entry into a Structure	1
NFPA 1001 Ground Ladders	1
NFPA 1001 Loss Control	1
NFPA 1001 Portable Extinguishers	1
NFPA 1001 Protection of Evidence of Fire Origin & Cause	1
NFPA 1001 Rescue and Extrication	1
NFPA 1001 Self Contained Breathing Apparatus (SCBA)	1
NFPA 1001 Vehicle Extrication	1
NFPA 1001 Ventilation	1
NFPA 1001 Water Supply	1
NFPA 1021 Action Plan Implementation	1
NFPA 1021 Assuming the Role of Company Officer	1
NFPA 1021 Budgeting	1
NFPA 1021 Community Awareness	1
NFPA 1021 Company-Level Training	1
NFPA 1021 Elements of Supervision and Management	1
NFPA 1021 Fire and Life Safety Inspections	1
NFPA 1021 Fire Department Structure	1
NFPA 1021 Fire Investigation	1

Vector's Fire Courses	Hours
NFPA 1021 Firefighter Safety and Health	1
NFPA 1021 Government Structure	1
NFPA 1021 Incident Response Safety	1
NFPA 1021 Incident Scene Communications	1
NFPA 1021 Incident Scene Management	1
NFPA 1021 Information Management	1
NFPA 1021 Labor Relations	1
NFPA 1021 Leadership as a Group Influence	1
NFPA 1021 Legal Responsibilities and Liabilities	1
NFPA 1021 Pre-Incident Planning	1
NFPA 1021 Professional Ethics	1
NFPA 1021 Public Education Programs	1
NFPA 1041: Fire Service Instructor I	1
NFPA 1041: Fire Service Instructor II	2
NFPA 1041: Fire Service Instructor III	1
NFPA 1403 Live Fire Training Evolutions	1
NFPA 1410 Evolution 01 - Forward hose lay	1
NFPA 1410 Evolution 02 - Deferring water supply to the second due and request that engine two reverse lay in	1
NFPA 1410 Evolution 03 - Two-engine forward lay	1
NFPA 1410 Evolution 04 - Reverse lay and bring the water supply by ways of LDH closer to the fire scene	1
NFPA 1410 Evolution 05 - Two engines, one supply line, and two handlines to complete a drafting operation	1
NFPA 1410 Evolution 06 - Achieve permanent water supply through a water shuttle evolution	1
NFPA 1410 Evolution 07 - Reverse lay with a portable ground monitor	1
NFPA 1410 Evolution 08 - Complete a forward lay and achieve 500 gpm flow for the master stream	1
NFPA 1410 Evolution 09 - Aerial apparatus and elevated master stream	1
NFPA 1410 Evolution 10 - Reverse lay from an apparatus equipped with an elevated master stream	1
NFPA 1410 Evolution 11 - Four supply lines and two engines; one equipped with an elevated master stream device	1
NFPA 1410 Evolution 12 - Forward lay with an engine and sprinkler connections with two supply lines	1

Vector's Fire Courses	Hours
NFPA 1410 Evolution 13 - Reverse lay with with two supply lines and sprinkler connections	1
NFPA 1410 Evolution 14 - Forward lay from the engine with a single large diameter hose and two supply lines	1
NFPA 1500 Bloodborne Pathogens Safety	1
NFPA 1500 Combustible & Flammable Liquids	1
NFPA 1500 Compressed Gas Safety	1
NFPA 1500 Confined Space Entry	1
NFPA 1500 CPR Academic	1
NFPA 1500 Driving Safety	1
NFPA 1500 Hazard Communication	1
NFPA 1500 Hazardous Material Identification and Spill Prevention	1
NFPA 1500 Laboratory Safety	1
NFPA 1500 Materials Handling, Storage, Use & Disposal	1
NFPA 1500 Personal Protective Equipment	1
NFPA 1500 Respiratory Protection	1
NFPA 1500 Welding Safety	1
NFPA 1500: Post-Traumatic Stress Disorder (PTSD) in the Fire Industry	2
NFPA 1584 Firefighter Rehabilitation (2 modules)	4
NFPA 1851 - Cancer Related Risks of Firefighting	2
NFPA 3000: Standard for Preparedness and Response to Active Shooter and/or Hostile Events	1.5
NFPA 470: Advanced HAZWOPER Awareness (4 modules)	8
NFPA 470: HAZMAT Operations Level Refresher (4 modules)	8
NFPA 470: HAZMAT Transportation	1
Rope, Rope Rescue, Knots	1
RT-130: Annual Wildland Fire Safety Refresher (4 modules)	8
S-190 Introduction to Wildland Fire Behavior (4 modules)	8
School Fire and Life Safety Inspection	1
Understanding Autism Spectrum Disorder for First Responders	1
Understanding Discrimination and Harassment in Fire and EMS	1

Vector's TX DSHS-Approved EMS Courses

Vector's EMS Courses	Hours
Abdominal Trauma	1
Acute Coronary Syndromes	1
Acute Respiratory Distress Syndrome	1
Advanced Airways: Intubation and Beyond	2
Advanced Allergic Reaction Management	1
Advanced Cervical Spinal Injuries: Special Considerations for Athletics	1
Altitude Emergencies	1
Amputation Injuries	1
Aquatic Emergencies	1
Assessing the Patient with Major Trauma	2
Assessment and Treatment of Altered Mental Status	1
Assessment and Treatment of Foot Injuries	1
Assessment and Treatment of Sexual Assault Patients	1
Assessment and Treatment of Submersion Injuries	1
Assessment, Treatment and Transport of Morbidly Obese Patients	1
Asthma Advanced	1
Back Injury Prevention	1
Bariatric Patients	1
Basic Airway Skills and Adjuncts	1
Basic Allergic Reaction Management	1
Basics of Arrhythmias: Tachyarrhythmias and Fibrillation	1
Basics of Cardiac Arrhythmias and Premature Complex Rhythms	1
Behavioral Emergencies	1
Bleeding and Shock	1
Bloodborne Pathogens Safety	1
Burn Management	1
Capnography	1

Vector's EMS Courses	Hours
Carbon Monoxide Poisoning	1
Cardiac Emergencies	1
Cardiovascular Anatomy & Physiology	1
Central Nervous System	1
Child Abuse: An Professionals Role & Responsibilities	1
Clinical Decision-Making	1
Common Infectious Pathogens	1
Communication and Documentation	1
Complementary and Alternative Medicine	1
Confined Space Awareness	1
CPR Academic	1
Crime Scene Awareness	1
Death and Dying	1
Dementia: Overview, Assessment, and Care	1
Detailed Physical Exam	1
Diet & Nutrition	1
Driving Safety	1
Emergency Care for Electrical Burns	1
Emergency Responder Rehabilitation	1
Emergency Response to Terrorism - Module 1	1
Emergency Response to Terrorism - Module 2	1
Emergency Response to Terrorism - Module 3	1
Emergency Response to Terrorism - Module 4	1
Endocrine System Emergencies	1
Environmental Emergencies	1
Epilepsy	1
Ethics for Providers	1
Femur Fractures	1
Functional Approach to Physical Fitness	1

Vector's EMS Courses	Hours
Functional Communication for Provider	2
Fundamentals of 12 Lead ECG Operation and Interpretation	1
Geriatric Assessment Challenges	1
Geriatric Behavioral Emergencies	2
Geriatric Emergencies	1
Grey Area Calls	1
Gunshot Wounds and Bomb Blast Injuries	2
H1N1	1
Hazard Communication	1
HazMat Medical Emergencies	1
Health and Wellness	1
Health and Wellness in Public Safety	1
Heat Illness and Emergencies	1
Hematology	1
Hip and Pelvic Injuries	1
HIPAA Awareness	1
HIV/AIDS Awareness	2
Human Trafficking Basics for First Responders	1
Hypothermia Assessment and Treatment	1
Immunology	1
Immunology and Immunological Emergencies	1
Incident Command System	1
Infectious Disease Control	1
Injuries and Infections of the Eye	1
Interactions with Individuals with Disabilities	1
Intraosseous Infusion	1
Intraosseous Infusion Advanced	1
Introduction to Hazardous Materials	1
Jurisprudence	2
Kinematics of Trauma	1
Managing Cardiac Arrest: During and After Resuscitation	2
Managing Chronic Care Patients	1



Vector's EMS Courses	Hours
Managing Multiple Casualty Incidents	1
Mechanics of Breathing	1
Medical Extrication and Rescue	1
Medical, Ethical, and Legal Issues	1
Medication Errors	1
Mental Health for Emergency Responders	1
Methamphetamine	1
MRSA Infections	1
Musculoskeletal Injuries	1
Myths and Realities of Drug-Seeking Behavior	1
Narcotics Overdose	1
Neonatology	2
Non-Traumatic Abdominal Injuries	1
Non-Traumatic Chest Pain	1
Obstetrical Emergencies	2
Operating an AED	1
Opioid Overdose & Naloxone Administration	1
Pain Management	1
Pain Transmission, Perception, and Assessment	1
Patient Abuse and Assault	1
Patient Assessment	1
Patient Assessment Basic	1
Patient Care Report Essentials	1
Patient Lifting, Moving and Transportation	1
Patient Lifting, Moving, and Transport	1
Patient Refusal	1
Patient Restraint for Providers	1
Patients with Special Challenges	1
Pediatric Airway Management	1
Pediatric Assessment	1
Pediatric Burns Advanced	1
Pediatric Cardiac Arrest	1
Pediatric Cardiac Emergencies	1
Pediatric Emergencies Part 1	1

Vector's EMS Courses	Hours
Pediatric Emergencies Part 2	1
Pediatric Fever	1
Pediatric Ingestions	1
Pediatric Respiratory Emergencies: Upper and Lower Airway for the First Responder	1
Pediatric Seizures	1
Pediatric Shock	1
Pediatric Trauma	1
Pharmacology & Drug Administration	1
Pharmacology	2
Pharmacology Special Considerations	1
Poisoning and Overdose	1
Prehospital Considerations for Burn Treatment	1
Prehospital Considerations for Diversity, Equity, and Inclusion in	1
Prehospital Pulmonary Embolism Care	1
Protecting Yourself from Influenza	1
Rapid Secondary Assessment	1
Respiratory Emergencies Basic	1
Respiratory System A&P Review	1
Retention and Recruitment in the Fire Service and	1
Safe Transportation of the Pediatric Patient	1

Vector's EMS Courses	Hours
Sepsis	1
Shock and Shock Management	1
Slips, Trips, and Falls	1
Special Challenges in Patient Assessment	1
Special Needs Patients	1
Spinal Cord Injuries	2
Stroke Assessment and Treatment	1
Supplemental Oxygen	1
The Human Body Part 1: Critical Syst	1
The Human Body Part 2: Other Syst	1
Thoracic Emergencies	1
Toxicology and Substance Abuse	1
Tracheostomies	1
Trauma Assessment for Head and Neck Injuries	1
Traumatic Brain Injuries	1
Tricyclic Antidepressant	1
Understanding Autism Spectrum Disorder for First Responders	1
Understanding Discrimination and Harassment in Fire	1
Understanding the Basics of ECGs	1
Weapons of Mass Destruction	1
Workplace Stress	1

Vector Solutions also offers courses in driver assessment and training, OSHA, cybersecurity, IT, business skills, and more.

Courses are subject to change as Vector Solutions updates our courses and state legislation changes mandated training requirements. Please check with your certification authorities in your state to confirm these courses meet your state's requirements.

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