

# LSU FETI

Industrial Training Programs



**Fire  
Haz-Mat  
Medical  
Rescue**

# LSU FETI

## Louisiana's Fire Training Institute

The Carrol L. Herring Fire & Emergency Training Institute (originally LSU Firemen Training Program) was created by the Louisiana Legislative Act 84 of 1963 "to equip, operate, and maintain an in-service Firemen Training Program." Act 32, passed in 1970, gave the training program one-fourth of 1 percent of all fire insurance paid in the state, the money to be used "solely for the expenses in connection with the in-service Firemen Training Program and the necessary facilities in connection therewith." In 1979, Act 528 stated that "Louisiana State University is hereby officially designated as the agency of this state to conduct, at its Baton Rouge campus, training for in-service firemen on a statewide basis".

FETI serves the people of Louisiana, the region, and the nation through extensive fire service training programs that encompass instruction, research, and public service. The program originally was housed on the main campus of LSU. In 1972, the program moved from the main LSU campus to its own facility extensively expanding classroom space and practical fire training facilities. Our facility is licensed by the Louisiana Department of Environmental Quality to burn



Firemen training in the State of Louisiana was established in 1963 through legislative Act 84. Louisiana State University was designated the training authority and opened "LSU Firemen Training".

liquid fuel. We maintain our own firefighting water source and treat all run off on-site.

The training center is situated on 82 acres of land south of the main LSU campus with training grounds designed to offer a variety of fire, rescue, and emergency response training. FETI has six classrooms, a fire extinguisher building, a burn building, and several burn props. Each classroom is equipped with audiovisual training aids.

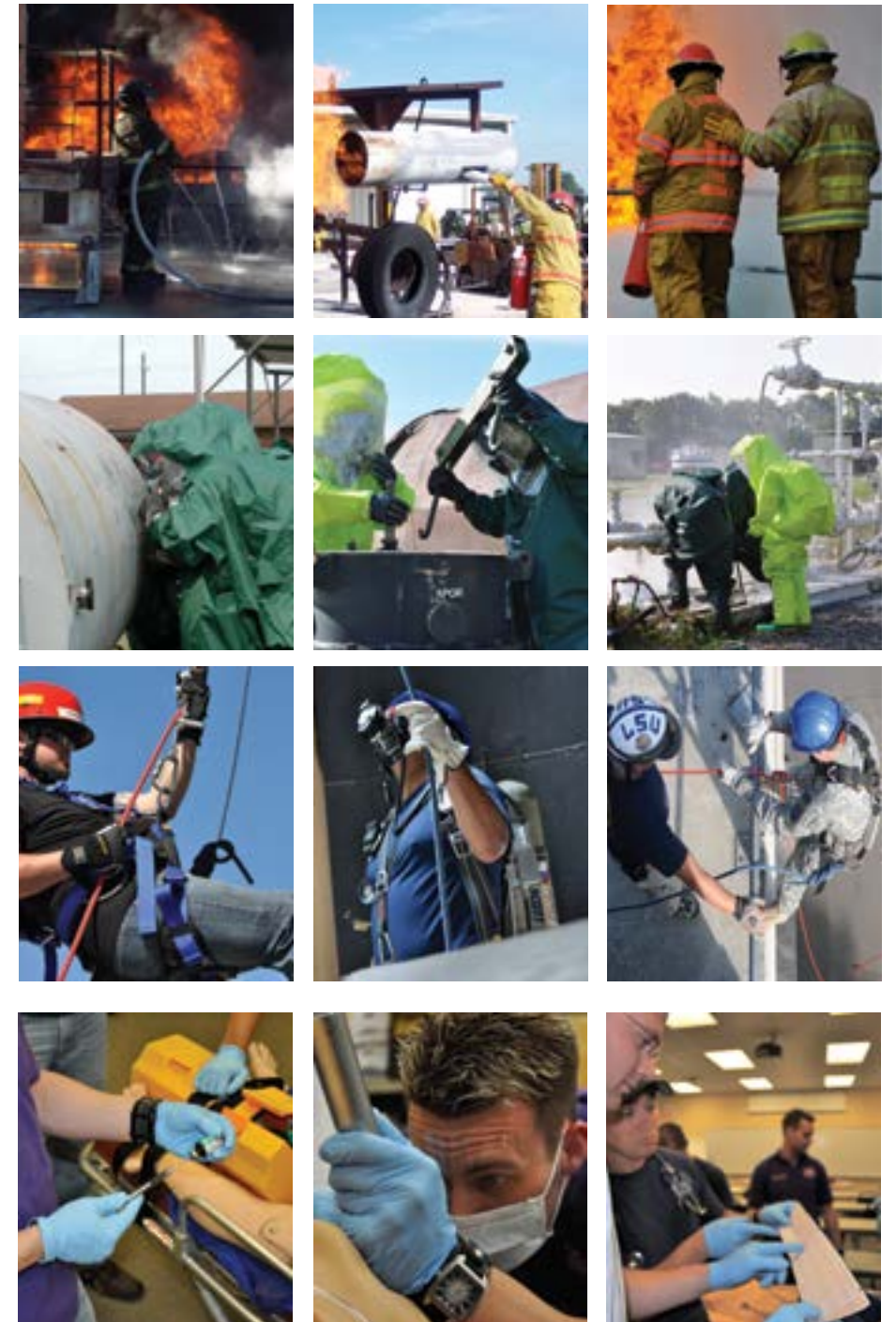
Act 32, passed in 1970, gave the training program one-fourth of 1% of all fire insurance paid in the state, the money to be used "solely for the expenses in connection with the in-service Firemen Training".

FETI is located three miles from LSU's main campus on LSU property at 6868 Nicholson Drive, Baton Rouge, LA 70820. During the spring of 2007, LSU FETI opened a second campus in Minden, Louisiana.

FETI provides training to paid and volunteer fire service personnel throughout the state. Training is also provided to industrial fire and safety personnel, defense personnel, and other emergency responders.

The curriculum ranges from basic fire fighting skills to advanced technical training in rescue, hazardous materials, and fire officer. The duration of courses varies from a three-hour class to a 14 week course. Last year, nearly 1,900 courses were delivered with an enrollment of over 29,000 students.

LSU FETI offers the option of training at our 82 acre campus or having a fleet of mobile props brought to your location— anywhere in world. Whether training with us in Baton Rouge or having our instructors come to you, we will always train on realistic props in real-world training scenarios with dedicated, knowledgeable, and experienced staff. We can tailor our courses to your unique situation— just ask us how.



# FETI Training Philosophy

At the Carrol L. Herring Fire & Emergency Training Institute, our philosophy is simple: Combine real-life props with an experienced and knowledgeable staff to deliver the most realistic training experience available. With safety in the forefront of everyone's mind, we design emergency scenarios to prepare your employees to respond to real-world emergencies.

Training should be a dynamic experience. Our experienced instructors explain the principles in the classroom so everyone understands response techniques and applies the knowledge on the training field.

Under the supervision of a full-time safety monitor and paramedic, instructors with municipal and industrial emergency response experience train FETI students. The goal is training as realistic as possible while ensuring student safety and providing second chances.



Props are designed to reflect and reinforce specific fire grounds skills on both the individual and team levels.

For example, beginning students get their first live-fire experience on our incipient prop. Equipped with a fire extinguisher and wearing full PPE, students work through several challenging scenarios.

As the student's confidence progresses, they are introduced to progressively larger props and more complex scenarios. New techniques are introduced as drills evolve into realistic fireground experiences.

Training concludes on one of FETI's halo props. Our blending prop and process unit offer multiple flame fronts and a fireground experience not soon forgotten. Evolutions are repeated. Tactics are reinforced. Real training is completed.

# One Source Training

FETI offers several industrial emergency response classes both locally at our Baton Rouge Institute as well as nationally through the use of adjunct instructors and mobile training props. We can tailor courses to your specific needs and time constraints. FETI industrial instructors routinely provide training at plant sites and remote locations under the direction of safety personnel. We can deliver hands-on training anywhere with a fleet of mobile props that can simulate scenarios from fire flashover to high-angle rope rescue.

Recognizing the importance of quality medical care, FETI offers a nationally accredited Emergency Medical Technician program. The program is open to emergency response personnel seeking realistic medical training.

As the role of the emergency response community changes, FETI adapts by offering new programs to give emergency responders the best chance of



ensuring positive outcomes in negative situations.

The hazardous materials response training affords students the opportunity to plug and patch leaking vessels in real-life scenarios.

Our industrial fire training program offers advanced techniques in fire suppression ranging from extinguisher-based incipient fire fighting through advanced exterior brigade training.

The FETI rescue program offers the latest in training techniques to ensure the safety of disaster victims through controlled simulations on real-life props. Whether training in advanced hazmat response, high-angle rescue, EMT, or liquid spill fires, we have the props, programs, and people you need to succeed in your next emergency response.



# Real-Life PROPS

The Carrol L. Herring Fire & Emergency Training facility is located three miles from the LSU main campus in Baton Rouge, Louisiana.

One of only a few fossil-fueled training facilities left in the United States, FETI's large-scale fire training props can both realistically simulate actual industrial emergencies and keep trainees safe through a series of engineered control systems.

Realistic props provide better training opportunities for students. Emergencies unique to the marine environment can be simulated with FETI's "Tiger Tug." Tiger Tug is a retired tug boat retrofitted to simulate engine room and other types of marine fires. FETI also uses an out-of-service DC-9 for training in aircraft emergencies and a UH-1 helicopter for teaching helicopter landing operations.

Rescue scenarios such as structural collapse, confined space, and rope rescue can be simulated realistically and safely on the FETI technical rescue field.

Railcars, tank trucks, pumps, and piping systems are some of the props on the FETI Haz-Mat field. These props allow students to become immersed in an industrial response setting while providing safe and realistic training. An all-inclusive final scenario gives each student a functioning role in emergency response.

# Real-Life TRAINING

The Carrol L. Herring Fire & Emergency Training Institute began offering training to Louisiana industry in 1972. What began as an adjunct to our popular municipal fire training program has become a major part of FETI's mission.

As Louisiana industry has grown, so have the capabilities of our institute. FETI now offers one of the most comprehensive and realistic training fields in the nation. FETI believes in making props and training as "real-life" as possible. We burn fossil fuels to simulate realistic fires on props designed with input from industry. Our instructors have led fire brigades and have a wealth of knowledge and experience in the environments unique to industry. FETI programs are built around the shifting needs of both municipal and industrial firefighting.

Students are taught by instructors with theoretical knowledge and real-world experience. These elements work together to create a dynamic learning environment where participants not only learn principles but also have the opportunity to get hands-on experience and problem solve as a scenario unfolds.

Our goal is training as realistic as possible while ensuring student safety and providing second chances.



# Specialty Training



We offer a unique opportunity to combine all disciplines into one refresher offering. Training content is flexible while still meeting regulatory refresher requirements. For example, a company can decide to do two days of fire, one day of hazmat, and one day of rescue training consecutively. This comprehensive refresher gives teams the opportunity to train

together while offering the benefit of simple scheduling.

We also offer a number of leadership and safety courses to meet the needs of front line supervisors and command staff. The ICS/NIMS Principles and Practice course is designed to give the student a basic understanding of concepts. The FEMA-based course focuses on ICS/ NIMS basics—structure, responsibilities, and implementation.

The Industrial Team Leader course is designed to meet NFPA and OSHA requirements for fire brigade leadership training. The course will look at supervisory techniques and methodologies, strategies and tactics, and overall incident management and safety. This course is directed to students who are currently in a leadership role.

Industrial Safety Officer is a two-day program designed for personnel responsible for an emergency incident in the industrial setting. The course includes planning and preparation, managing the safety sector within the incident command system, emergency response operations, and scene responsibilities.

# Certification



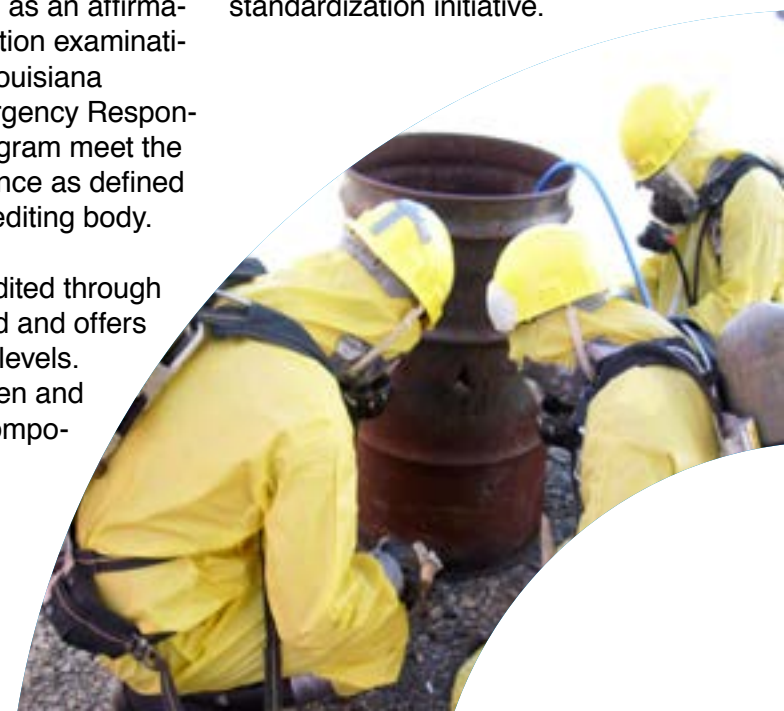
The mission of the Louisiana State University Firefighter and Emergency Responder Certification Program is to provide individuals a performance-based realistic, credible, and valid evaluation process that demonstrates their proficiencies and qualifications that are recognized by national standards.

Certification is the verification that students have successfully completed an evaluation of their knowledge, skills, and abilities against a consensus standard (NFPA) by an accredited certification system or agency.

Accreditation serves as an affirmation that the certification examinations offered by the Louisiana Firefighter and Emergency Responder Certification Program meet the standards of excellence as defined by the national accrediting body.

FETI is dually accredited through IFSAC and ProBoard and offers over 30 certification levels. All tests have written and practical skills components.

We offer industrial fire, hazmat, and rescue certifications levels, just to name a few. As a part of LSU, we are able to offer customers the ability to train and certify in one trip. The importance of a third party certification can be invaluable to the customer with a standardization initiative.



# Hazardous Materials

## Haz-Mat Technician



Based on knowledge of basic chemistry, this course provides the emergency responder with the knowledge to respond to releases or potential releases for the purpose of stopping the release. The function of the responder is to plug, patch, or stop the release of hazardous substances. Practical exercises and teamwork are included.

Upon conclusion of this course, the student should be able to demonstrate competency in implementing the emergency response plan; know the classification, identification, and be able to verify known and unknown materials using field survey instruments and equipment; function within an assigned role in the incident command system; understand hazard and risk assessment techniques; perform advanced control, containment, and/or confinement operations; implement decontamination procedures; understand termination procedures and basic chemical and toxicological terminology and behavior.

This course meets NFPA 472, OSHA 29 CFR 1910.120 and EPA 40 CFR Part 311.

## Haz-Mat Tech Refresher



Course fulfills the requirements of EPA 40 CFR Part 311 and OSHA 29 CFR 1910.120 for hazardous materials emergency responders.

This course covers regulations, site entry and control, decontamination, respiratory protection, protective clothing, medical surveillance, and hazard recognition and evaluation. Practical exercises are included in this course.

Special Notes: This course fulfills the requirements of EPA 40 CFR Part 311 and OSHA 29 CFR 1910.120 for hazardous materials emergency responders. In accordance with federal regulations, emergency responders must update their certification annually.

## Haz-Mat Advanced Tech



This course fulfills the requirements of EPA 40 CFR Part 311 and OSHA 29 CFR 1910.120 for hazardous materials emergency responders.

The course covers regulations, site entry and control, decontamination, respiratory protection, protective clothing, medical surveillance, and hazard recognition and evaluation.

Practical exercises are included in this course dealing with plugging, patching, vapor suppression, and identification. The class can also be catered to site-specific chemical requirements.

Special Notes: This course fulfills the requirements of EPA 40 CFR Part 311 and OSHA 29 CFR 1910.120 for hazardous materials emergency responders. In accordance with federal regulations, emergency responders must update their certification annually.

# Industrial Firefighting

## Industrial Fire School



Classes are designed to prepare the student for certification based on the JPRs in the NFPA 1081 standard. Through instruction and practical exercises, the student will gain knowledge and understanding in all levels of an industrial fire brigade.

Subjects include: flammable liquid fires, flammable gas fires, fire extinguishers, PPE/SCBA, and pressurized fires commonly encountered in industrial facilities.

IFSAC and ProBoard certifications are available.

## Industrial Fire Brigade Refresher



This course is for all industrial management, fire protection, security, or production personnel. This three-day school consists of classroom instruction, demonstrations, and practical field exercises.

This course meets OSHA requirements for interior structural firefighting annual hands-on training OSHA 1910.134, Rapid Intervention Teams for IDLH conditions, and NFPA Standard 600, Industrial Fire Brigade.

## NFPA 1081: Industrial Fire Brigade Member (All Levels)



These site-specific classes are tailored to the needs and requests of the client. These courses will satisfy the requirement for annual live fire training. Single and multi-day classes are available.

Classes can be any combination of incipient, exterior, and interior firefighting as desired.

# Rescue

## Rope Rescue Technician



This hands-on course will present the fundamentals of rope rescue, using only the most up-to-date equipment and techniques with major emphasis on safety.

Classroom topics will include terminology, equipment selection, current standards, and essential knots.

Personal and practical application of rope rescue systems encompassing anchor system, belay systems, rappelling and ascending, lowering systems, litter packaging, and mechanical-advantage raising systems is also covered.

Evolutions will involve analyzing systems and solving problems in both low-angle and vertical environments.

This course adheres to standards set forth by NFPA 1006, 1670, 1500, and 1983; and OSHA 29 CFR 1910.146 and 29 CFR 1910.134.

Certification is available.

## Rescue Refreshers



These courses will address the OSHA CSR annual req's and consists of four hours of CSR classroom instruction and up to six confined-space rescue evolutions.

Courses adhere to standards set forth by NFPA 1670, 1500, 1983; and OSHA 29 CFR 1910.146 and 29 CFR 1910.134.

High Angle and Rope Rescue refreshers are also available.

These courses can be tailored to meet your training needs.

## Confined Space Technician



This course concerns rescues involving confined spaces and includes lecture, skills training, and scenario-based exercises.

The class covers the federal and state regulations, use of equipment for atmospheric monitoring, commercial entry and retrieval systems, and deployment of rescuer constructed retrieval systems.

Participants gain understanding of confined-space hazards and the requirements of the new laws. Special emphasis will be given to rescuer safety, scene management, patient care & movement, and construction and operation of retrieval systems.

The course adheres to standards set forth by NFPA 1006, 1670, 1500, 1983; and OSHA 29 CFR 1910.146 and 29 CFR 1910.134.

Certification is available.

# Emergency Medicine

## BLS



This course follows the guidelines of the American Heart Association and is appropriate for health care providers including: EMTs, First Responders, firefighters, police officers, and other emergency health care providers.

## Heart Saver



This course follows AHA (American Heart Association) guidelines. It is intended for those working within an industrial setting who need CPR/AED and first aid training.

## EMR



This course is designed to train the layperson in emergency care of the sick and injured until more advanced emergency care providers arrive.

This class is geared to industry, law enforcement, and fire services that need emergency medical training but not to EMT level or above.

We also offer an EMR Refresher class for those students who wish to maintain their EMR license.

Attendance to all class sessions is mandatory, and students are required to successfully complete a practical and written exam.

Prerequisites: Copies of current BLS and EMR license must be presented at the start of the class.

## EMT



This course is a 184-hour State Bureau of EMS approved training program, which is based on the National EMS Education Standards.

## EMT Refresher



This course is offered to Emergency Medical Technicians to meet the requirements for National Registry of Emergency Medical Technicians registration.

# Officer Training

## Industrial Fire Brigade Team Leader



This is a 16-hour course designed to meet the requirements of NFPA 600 and OSHA 1910.156 requirements for fire brigade leadership training. The course will look closely at supervisory techniques and methodologies, strategies and tactics, and overall incident management and safety. This course is directed at students who are currently or soon to be functioning in a leadership role. Five years of fire brigade experience is preferred, as well as prior training in incipient and/or advanced exterior firefighting.

## Industrial Safety Officer



A two-day program designed for safety officers, industrial hygienists, safety technicians, etc., responsible for an emergency incident in the industrial setting. The course includes planning and preparation, managing the safety sector within the incident command system, emergency response operations, and scene responsibilities.

# More Information at [feti.lsu.edu](http://feti.lsu.edu)

For the most recent information regarding scheduling and course costs, visit our web page. [feti.lsu.edu](http://feti.lsu.edu).

Please feel free to contact one of FETI's section managers to discuss your training needs.

**FETI Main Number**  
(800) 256-8473  
(225) 334-6300

**FETI FAX**  
(225) 334-6341

**Haz-Mat Training**  
(225) 334-6160

**Industrial Fire Training**  
(225) 334-6020

**Medical Training**  
(225) 334-6054

**Rescue Training**  
(225) 334-6259





# FETI INDUSTRIAL TRAINING PROGRAMS



**Carrol L. Herring Fire & Emergency Training Institute**  
6868 Nicholson Dr. Baton, Rouge, LA 70820  
225-334-6300  
[feti.lsu.edu](http://feti.lsu.edu)