IULY 16-21, 2023



## TEEX.ORG/ANNUALSCHOOLS







# WELCOME! TO THE 61st INDUSTRIAL FIRE SCHOOL!

On behalf of the Texas A&M Engineering Extension Service (TEEX), Emergency Services Training Institute (ESTI) and the Texas Fire Training School (TFTS) Advisory Board, I would like to personally welcome you to the 61st Texas Industrial Fire School.

During this week, you will see firsthand not only the state-of-the-art props and facilities at Brayton Fire Training Field,® but also the high quality curriculum and instructional staff that follow all required national recognized standards under the National Fire Protection Association (NFPA).

Our strong partnerships with the SFFMA's Texas Industrial Emergency Services Board (TIESB), the Texas A&M Forest Service (TFS), and the Texas Commission on Fire



Protection (TCFP) are the support mechanism for our ability to educate the fire service of our great state for all Industrial, Paid Professional and Volunteer Professional Responders.

Once again, welcome to the 61st Annual Industrial Fire School and Thank You for choosing TEEX-ESTI for your training needs.

—Chief Gordon Lohmeyer | Division Director, TEEX-ESTI

# IMPORTANT Please Read!

Due to the strenuous work requirements in some of these courses, we recommend that participants secure a professional evaluation of their physical condition prior to enrolling in the school.

The Texas Fire Training School and The Texas A&M University System cannot, by law, assume any liability for accidents or injuries sustained by students and other personnel participating in the Annual Industrial Fire School.

**NOTE:** Minors must submit a Minor Approval Packet with all required documentation to be eligible to attend the school. NO ONE under the age of 16 will be allowed to register. Contact ESTI at **866-878-8900** or **esti@teex.tamu.edu** for packet.

Medical services are available from physicians in the Bryan/College Station area.

**Emergencies . . . .** (Dial 9-911 on office phone) **911** for TAMU campus or H.D. Smith Complex in College Station

Texas Fire Training School . . . office 866-878-8900



The Annual Fire Training School for Industrial Students is conducted by the

TEXAS A&M ENGINEERING EXTENSION SERVICE (TEEX)
Emergency Services Training Institute

# TABLE OF CONTENTS

<b>Course Locations</b> (Building & Room Numbers)			
<b>Pro Board Certification</b> (Guidelines for courses)5			
GENERAL INFORMATION			
School Locations6			
Accommodations6			
Meals6			
Transportation6			
Attendance			
Certificates			
Please Honor a Respected Tradition			
Safety and PPE Requirements			
Safety Guidelines			
Course Listing Notes			
SCHOOL OFFICIALS AND STAFF			
Texas Fire Training School Advisory Board8			
Texas Industrial Emergency Services Board8			
TEEX-ESTI Administration–Command8			
Operations Chiefs			
Deputy Operations			
Field Safety Officers			
Branch Directors9			
Group Supervisors			
Task Force Leaders9			
Staff Liaisons			
Planning Chiefs			
Public Information Officer			
Logistics Chief			
Support Branch			
Service Branch			
Manufacturer Liaisons			
Communications			
Special Services / SMEs			
School Advisors			
Support Agencies			
Guest Instructors12–16			
Acknowledgments			
Guest Instructors' Memorial			
Brayton Fire Training Field & Disaster City* Map $\dots 22-24$			
How to Get my TEEX Certificate			
Important Reminders			
Heat Awareness			
<b>2024–2025 School Dates</b> Back Cover			

Course No.	<b>Courses and Locations</b>	Building, Room
ASP201	Advanced Exterior Firefighting, Level II Tactical Operations	Bldg. 25/ 101 A & D
ASP205	Advanced Bulk Storage Emergency Responder Training (non-certification)	Bldg. 55
ASP207	LPG Emergency Management	Bldg. 71
ASP210	Industrial Fire Apparatus Practices I	Bldg. 95/ 129 & 130
ASP211	Advanced Industrial Fire Apparatus Practices	Bldg. 95/ 135
ASP243	Command & General Staff Functions for Industrial/ Local Incident Mgt. Teams (Sun 1:00 PM)	Bldg. 26/ 115A
ASP244	Advanced Technical Rescue Solutions	Bldg. 137/ 103/104
EMS101	Emergency Medical Responder	Bldg. 26/ 112 A&B
HAZ008	NFPA 1072 HazMat Incident Commander (Mon/Tues OR Wed/Thur)	Bldg. 26/ 102C
HAZ020	NFPA 1072 HazMat Technician	Bldg. 108
IMS660	Incident Management for Industrial On-Scene Commanders	Bldg. 95/ 120
IND010	Incident Safety Officer NFPA 1521 (Mon/Tues OR Wed/Thur)	Bldg. 26/ 115B
IND016	NFPA 1081 Adv. Exterior Firefighting for Industrial Brigades (Sun 1:00 PM)	Bldg. 58 / Fire Station Bay
IND017	NFPA 1081 Adv. Interior Firefighting for Industrial Brigades (Sun 1:00 PM)	Bldg. 24
IND103	NFPA 1081 Fire Brigade Leadership (Mon/Tues OR Wed/Thur)	Bldg. 26/ 102D
INS100	NFPA 1041 Fire Instructor I (Sun 1:00 PM)	Bldg. 26/ 114 A/B
INS200	NFPA 1041 Fire Instructor II (Sun 1:00 PM)	Bldg. 26/ 113 A
RES102	NFPA 1006 2021 Edition Confined Space Awareness, Operations, & Technician (Sun 1:00 PM)	Bldg. 137/ 117
RES104	NFPA 1006 2021 Edition Rope Awareness & Operations Training (Sun 1:00 PM)	Bldg. 137/ 118
RES107	NFPA 1006 2021 Edition Rope Technician Level Training (Sun 1:00 PM)	Bldg. 137/ 119

## PRO BOARD CERTIFICATION

Documentation of the certification requirements will be collected before or during the course and submitted to the ESTI Certification Office. If the certification requirement is not submitted during the courses, the participant will incur an automatic late fee of \$75 and will have six months to submit the approved documentation. Certification requirement documentation must be dated on or before the class end date.

Participants will not be able to appeal the late fee or six month deadline. Students must present a photo ID to the proctor before testing.

For Pro Board certification, the following are minimum certification requirements as defined by the NFPA standards and the Texas A&M Engineering Extension Service/Emergency Services Training Institute (TEEX/ESTI):

(See requirements listed below Course Name)

#### NFPA 1072 HazMat Tech

#### NFPA 1072 Hazmat Incident Commander

NFPA 1072, Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications, Chapter 5, "Operations"

#### OR

NFPA 472, Standard for Competence to Hazardous Materials/Weapons of Mass Destruction Incidents, Chapter 5, "Core Competencies for Operations Level Responders" (2002, 2008, or 2013 editions)

#### NFPA 472 Hazmat Transportation Specialist

#### NFPA 472 Flammable Liquid Bulk Storage

NFPA 472, Standard for Competence to Hazardous Materials/Weapons of Mass Destruction Incidents, Chapter 7, "Competencies for Hazardous Materials Technicians"

#### OR

NFPA 1072, Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications, Chapter 7, "Hazardous Materials Technician"

## NFPA 1081 Advanced Exterior NFPA 1081 Advanced Interior

NFPA 472, Standard for Competence to Hazardous Materials/Weapons of Mass Destruction Incidents, Chapter 4, "Competencies for Awareness Level Personnel"

#### OR

NFPA 1072, Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications, Chapter 4, "Hazardous Materials Awareness"

#### NFPA 1041 Fire Instructor II

NFPA 1041 Fire Instructor I (Chapter 4)

#### NFPA 1081 Fire Brigade Leadership

NFPA 1081 Advanced Exterior Industrial Fire Brigade Member (Chapter 8)

#### OR

NFPA 1081 Interior Structural Industrial Fire Brigade Member (Chapter 7)

#### NFPA 1006 Confined Space Awareness, Operations, & Technician

NFPA 1006 Standard for Technical Rescue Professional Qualifications (Chapter 6, Rope Rescue I) OR

NFPA 1006 Standard for Technical Rescue Professional Qualifications, (Chapter 7, Confined Space Rescue I)

#### NFPA 1006 Trench Rescue Awareness, Operations, & Technical Level

NFPA 1006 Trench Rescue I

## NFPA 1006 Rope Awareness & Operations Training

NFPA 1006 Job Performance Requirements (Chapter 5)

#### NFPA 1006 Awareness & Operations Training

NFPA 1006 Standard for Technical Rescue Professional Qualifications, (Chapter 6, Rope Rescue I)

#### NFPA 1006 Confined Space Level I

NFPA 1006 Job Performance Requirements (Chapter 5)

#### NFPA 1006 Confined Space Level II

NFPA 1006 Standard for Technical Rescue Professional Qualifications, (Chapter 7, Confined Space Rescue I)

## GENERAL INFORMATION

Each year, over 900 industrial fire and safety personnel, operating supervisors, fire brigade members, municipal fire personnel, and others interested in industrial fire safety participate in one of the many courses offered during this week-long program and receive intensive classroom and/or hands-on training.

#### Location

Brayton Fire Training Field, College Station, Texas

#### **Accommodations**

Please visit the following Visitor's Bureaus at:

#### visit.cstx.gov or destinationbryan.com

#### Meals

Cost of noon meals have been included with participant's tuition. Participants are responsible for all other meals.

Students must wear their nametags to lunch to be allowed to go through the lines.

#### **Transportation**

To and from classes—Participants should provide their own transportation to and from classes. Carpooling is still encouraged; however, Brayton Fire Training Field® is proud to announce a new parking area just south of Gate G off of Nuclear Science Road.

#### Attendance

Students must wear their nametags as attendance will be checked using the nametags. In order to maintain accurate records and to ensure you receive proper credit for the course you complete:

- Wear your nametag
- Be responsible for making sure your name badge is scanned each day to include Friday for each class or project.
- Students taking classes will need to have photo identification with them on the first day of class.

#### Certificates

To receive a **Successfully Completed** certificate, students must attend and participate in all class sessions and pass a written examination. If you are attending training, you will have access to print your TEEX Certificate online at the TEEX Student Portal.

#### Note: TEEX certificates will not be printed onsite.

 If you do not have a Student Portal Account, you may create one by visiting: my.teex.org/teexportal

#### You will need one of the following to set up your portal account:

- TEEX Student ID
- TCOLE PID
- FEMA SID
- FIDO
- Last 4 digits of your SSN

Please use your full given name (no nicknames or initials).

- 2. Login to your portal account to print certificate.
  - Please use the email address that you provided when you set up your account each time you register for a class, so all your records will be intact.
- For information or assistance in setting up your Student Portal account, contact: studentrecords@teex.tamu.edu or call 979-458-6833.

#### Please Honor a Respected Tradition

The Annual School Guest Instructor Memorial and the surrounding grounds on Brayton Fire Training Field are a living memorial to the Guest Instructors who have donated their time and experience to the students that have trained during the Annual Schools.

#### Out of respect, please:

- · Remove your hat when entering the Memorial
- Refrain from walking on the grass surrounding the Memorial

#### Safety and PPE Requirements

Safety / clothing requirements are listed beside each course and are detailed in the ESTI Student Safety
Manual available at teex.org/firesafety. All students and instructors are required to follow

this manual at all times.

By registering for this school, guest instructors



and students signify that:

- (1) they have read the ESTI Student Safety Manual;
- (2) they agree to abide by the requirements of the ESTI Student Safety Manual at all times; and
- (3) they will make arrangements to bring the proper Personal Protective Equipment with them to the School.

#### **Safety Guidelines**

Those participating in exercises at the fire field will be exposed to extreme heat and physical exertion. Please refer to the student safety manual you were given at registration or online at <a href="teex.org/firesafety">teex.org/firesafety</a>. Short pants, shirts without sleeves, and/or sandals are not allowed—even under bunker gear.

#### **Course Listing Notes**

- Recommendations means TEEX/ESTI highly recommends you follow instructions or provide the information, but it is not required to take a class.
- Certification Requirements must be dated on or before the last day of the course and be submitted before the course end date for those students pursuing Pro Board certification to avoid a late fee. Students have up to 6 months after the course end date to provide the documentation (must be dated on or before the last day of course), however a \$75 late fee will be charged. All documentation must meet the requirements of the ESTI Certification Office. For information regarding the documentation requirements, contact the ESTI Certification Office at ESTIProBoard@teex.tamu.edu.
- Prerequisite means you must provide verification of class prerequisite on or before the first day of class to be permitted to attend the class.

## SCHOOL OFFICIALS & STAFF

#### TEXAS FIRE TRAINING SCHOOL ADVISORY BOARD

**David Coatney** ....... Chairman *Director, Texas A&M Engineering Extension Service (TEEX)* 

**Tony Crites,** Chief Operations Officer, TEEX **AI Davis,** Director, Texas A&M Forest Service **Rick Isaacks,** Chief, Blue VFD **Bill Gardner,** Chief, Sr. Advisor, Leander VFD

Chris Addington, Chief, Roanoke FD

**David Brannon,** Fire Marshal, Pasadena, TX

**David Atkinson,** Chief, Eastman Chemical) **Mike Montgomery,** Chief, Klein FD

#### **TEXAS INDUSTRIAL EMERGENCY SERVICES BOARD**

**Jeff Suggs** ......Secretary *Kuraray* 

**Bret Steed,** Enterprise Products Operating, Houston **Eric Anderson,** Chevron Phillips Corporate

Ron Williams, Dow Chemical, Seadrift

John Ford, Citgo Corporate

**Todd Johnson,** Resolute Environmental & Response Services

Tim Graham, Phillips 66 Company

Elgin Browning, Industrial Rescue Instruction

Pedro Ortiz, Shell Pipeline

Guy Duncan, Texas Department of Emergency Management

**Erik Pierce,** Chevron Phillips, Cedar Bayou

Mark Garvin, Marathon Petroleum

Paul Swetish, Refinery Terminal Fire Company

Jared Karns, Texas A&M Forest Service

Victor Cano, Cheniere, Corpus Christi

Donny Boggs, (Ret.)

Rick Isaacks, Blue VFD

David Wade, Deer Park VFD, Deer Park

Tim Rutland, SFFMA, Manchaca

Kevin Creamer, SFFMA, Manchaca

#### TEEX ESTI ADMINISTRATION/COMMAND

Gordon Lohmeyer, Director, TEEX ESTI
Chris Angerer, Executive Associate Director, TEEX ESTI
Randy McGregor, Associate Director, TEEX ESTI
Lee Hall, Associate Director, TEEX ESTI

#### **OPERATIONS CHIEFS**

**Keith Russell,** Safety Supervisor, Westlake Chemical Corp. **John Burge,** Program Director, TEEX ESTI

#### **DEPUTY OPERATIONS**

John Buchanan, Assistant Chief, Houston VFD Shane Stuntz, Fire Chief / ER Lead, Shell Covent Refinery Paul Siebert, Program Director, TEEX ESTI

#### FIELD SAFETY OFFICERS

Mark Turvey, Retired Fire Chief, Lubrizol Corp. Monica Hartman, EH&S Director, TEEX ESTI

#### **BRANCH DIRECTORS**

CCE BRANCH DIRECTORS

**Steve Pepper,** *Director, Crisis Management, Phillips 66* **Matt Sherwood,** *Program Director, TEEX ESTI* 

**CCE ASSISTANT DIRECTOR** 

Kelly Davis, Learning Manager, Honeywell

FIRE BRANCH DIRECTORS

**Dave Atkinson,** Fire Chief, Eastman Chemical Company **Rickey Allred,** Training Manager, TEEX-ESTI

FIRE BRANCH ASSISTANT DIRECTOR

Chris Israel, Security Supervisor, LyondellBassell

SPECIAL OPS BRANCH DIRECTORS

**Tommy Archer,** *Safety Superintendent, GB Biosciences* **Nick Hickson,** *Training Manager, TEEX ESTI* 

SPECIAL OPS ASSISTANT DIRECTOR

Pat Shannon, HS & ERT Manager, Lubrizol

#### **GROUP SUPERVISORS**

PROBOARD COMPLIANCE

Paul Neely, Industrial Sales Manager, Task Force Tips

1041 INSTRUCTOR I AND II

Henry Perry, Training Manager, TEEX ESTI

PROGRAM DEVELOPMENT

Don Hale, President, SMART

1081 EXTERIOR

Rick Isaacks, Sales, National Foam

Mead Nobles, Training Coordinator, TEEX-ESTI

**ADVANCED EXTERIOR** 

M. David Cave, Security Response Chief, CITGO Petro

ADVANCED FIRE SPECIALTY

Mike Haas, Retired, ER / Security Specialist, TPC Group

PUMP OPS

**Austin Prather,** Regional Manager, Hayden & Company **John Mann,** Senior Training Specialist, TEEX ESTI

RESCUE OPS

**Ronald Gilbert,** *Emergency Response & Security Section Supervisor, ExxonMobill* 

HAZMAT OPS

**Chuck Richardson,** *Retired, Phillips 66* **Aldo Yallonardo,** *Training Manager, TEEX ESTI* 

#### TASK FORCE LEADERS

Bill Foster, President, Impact Safety (IND016)

Wally Fleming, Deputy Chief, Pasadena Refining (IND016)

**Richard Lee,** Lead Safety & PSC Coordinator, Enterprise Prod. (ASP207)

David Popoff, (ASP243)

**Ted Ivey,** LyondellBasell LaPorte (ASP201)

#### TASK FORCE LEADERS CONTINUED...

Ray Cook, Fire Chief, Dow Chemical (IMS660)

Clyde Coxie, Deputy Chief, Deer Park VFD (ASP210)

**Gerald Sherman, IAS (ASP211)** 

James Belluomini, (RES 102)

**Doug Dibben,** Project Manager, DC Services, LLC, Freeman, MO (RES104)

**John Hollaway,** Fire & Safety Specialist, ChevronPhillips Chem. (RES107)

**Steve Petty,** E.P. Coordinator, ExxonMobil (RES120)

Larry Norman, HazMat Spec, Honeywell (HAZ020)

Paul Tarter, Manager, Flint Hills Resources (HAZ029)

**Howard Hill,** Sr. Engineer, Shell Motiva Corp. Fire School (HAZ008)

**John Gross,** Fire Chief, Marathon Petroleum Co. (ASP205)

**James "Corky" McCool,** Retired Fire Chief, BHP Billiton, Tilden, TX (IND010)

J.P. Woodlee, Chief, Valero Three Rivers (IND103)

**Brad Watson,** South Central Zone Mgr., Scott Health & Safety (IND017)

#### **STAFF LIAISONS**

ASP201	Tom Hardey	IND010	Bobbi Jo Reeves
ASP207	Dan Rand	IND014	Ronnie Larson
ASP210	John Mann	IND103	Bobbi Jo Reeves
ASP211	John Mann	INS100	Henry Perry
ASP243	Paul Hannemann	INS200	Henry Perry
EMS101	Paul Vogt	RES102	Blake Best
HAZ008	Kenny Smith		
HAZ020	Tony Janke	RES104	Michelle Rabel
IMS660	Sean Hughes	RES107	Kevin Price
IND016	Mead Nobles	RES120	Joe Easterling
IND017	Dave Robinson		

#### PLANNING SECTION

**Jeff Rhoads,** *Training Manager, TEEX ESTI* **Tony Ray,** *Instructor III, TEEX ESTI* 

#### **PUBLIC INFORMATION OFFICER**

Kara Humphreys, Marketing Manager, TEEX-ESTI

#### **LOGISTICS SECTION**

Scott Salter, Program Director, TEEX ESTI

Derek Seim, Director, TEEX Digital Printing Services

#### SUPPORT BRANCH

Support Branch Director . . . . . Stephen Fuchs, TEEX ESTI

#### SERVICE BRANCH

Service Branch Director..... **Dallas Renfrew,** *TEEX ESTI* 

#### **MANUFACTURER LIAISONS**

**David Dewey,** VP Marketing, Gas & Supply

#### COMMUNICATIONS

**Roland "Peet" Bighorse,** Network Engineer, Enterprise Productions Operating

#### **SPECIAL SERVICES / SMEs**

Rick Lewis, Industrial Sales Manager, Akron Brass

**Glenn Townsend, President, South Coast Fire & Safety** 

**Brad Williamson,** Industrial Products Mgr., Ferrara Fire App.

Chuck Small, Regional Sales Manager, Foam Pro

**Tommy Wade,** Accounts Manager, Texas Commercial Fire and Safety

**Jeff Smith,** Safety Specialist Texas Region, DNOW

Michael Epstein, Regional Sales Manager, Scott H&S

Rick Tracy, Account Representative, Vallen

Gary Simpson, Training Instructor, Bullard Equipment

#### SCHOOL ADVISORS

Butch Schattel, Retired, Chief, Eastman Chemical

**Carl Anderson,** President/CEO, PetroSafe Technologies, Inc.

Rick Deel, Retired, Chief, Lubrizol Corp.

**Lee Ray Kaderli,** Retired, Emergency Response Chief, ExxonMobil Chemical Co.

## SUPPORT AGENCIES

- Railroad Commission of Texas
- State Firefighters' and Fire Marshals' Association (SFFMA)
- Texas Commission on Fire Protection (TCFP)
- Texas Department of State Health Services (DSHS)
- Texas Department of Transportation (TxDOT)
- Texas Division of Emergency Management (TDEM)
- Texas Fire Chiefs Association (TFCA)
- Texas A&M Forest Service Fire Control Division (TAMFS)
- Texas LP Gas Association
- Texas State Fire Marshal

SPEED LIMIT 10

Speed Limit on Brayton Fire Training Field is 10 mph.

The Field Medic office is located in building #71.



## **GUEST INSTRUCTORS**

Abshier, Kim; Retired—Phillips Petroleum

Adams, Bill; Retired—Celanese

**Addington, Chris;** Fire Chief—Roanoke FD

Aksamit, Dewey; Fire Chief—Nebraska Public Power District

Aleman, Ramiro; Assistant Captain—ExxonMobil Baytown Refinery

Anderson, Russ; Principal Technologist Hydroprocessing

—Shell Global Solutions

**Archer, Tommy;** Retired HSE Superintendent—GB Biosciences, Deer Park VFD

Arjona, Jose; UNK—J.A.G. Consultor

Atkinson, David; — Eastman Chemical Co.

Bagley, Eddie; — Delek Logistics

Barber, Jack; ERT Chief—Honeywell

**Bartek, David;** — Dooley Tackaberry **Belluomini, James;** — TEEX / Lubrizol

Berryman, Ken; Retired Fire Chief—LyondellBasell

Bertrand, Denis; — ExxonMobil

Bixby, Aaron; — Waxdale Emergency Response Brigade

Black, Charles; Fire Chief—Ascend Performance Materials

**Black, Greg;** Fire Technician—Lubrizol Corp.

Bolen, Allan; Fireman Chemical Operator—Eastman Chemical

Boren, Jimi; On-Scene Commander—Flint Hills Resources

Bourque, Armond; Assistant Fire Chief—Monsanto/Bayer

**Branch**, **Bryan**; —LyondellBasell

**Bridwell, Terry;** Head Fire Safety & Emergency Response

—Chevron Phillips

**Brignac, Coby;** Fire / EMS—Bayer

**Broom, Harold;** *Retired Captain*—ExxonMobil

**Browder, Bunky;** *Lead Operator*—Enterprise Products Company

Bruder, Tim; Assistant Fire Chief—Nebraska Public Power District

Burket, Bill; Industrial Hygienist—Shell Oil

Calabrese, Nathan; — Richochet

Cambre, Obie; — Emergency Prepared Consulting

Campise, Robert; —Lubrizol

Carroll, Onion; Assistant Captain / Rescue—ExxonMobil Complex

Cave, M. David; Fire Chief—Citgo Refining

Christ, Aaron; —Williams Fire & Hazard Control

Clark, Dave; — Kappler, Inc.

Cochran, Dave; Retired—Boots & Coots

Cook, Ray; Retired Fire Chief—Seabrook FD

Corey, Craig; — Arkema Inc.

**Coxie, Clyde (Bubba);** Supervisor Emergency Services / Chief of

Emergency Response Team—Valero Houston Refinery

**Cripps, Karol;** — Eastman Chemicals

Dansby, Zac; — Hayden and Company

**Dardenne, Charlie;** — Round Mountain Ranch VFD

Davis, Brandon; — Phillips 66

**Deborde, Co;** Fire Chief—LyondellBasell Bayport Complex

**Deel, Rick;** Wage Instructor—TEEX

**Deshazo, Kevin;** Retired Chief—AkzoNobel

Dibben, Doug; Owner—Dibben Group

**Difrancesco, Ronald;** Firefighter/Paramedic

--- Marathon Petroleum Co.

Donnelly, Stephen; Retired—Oxychem

Doskocil, Paul; B Shift ERT Captain—Covestro

**Doyle, Brian;** *Maintenance Scheduler*—HollyFrontier ERB

**Dulaney, Matthew;** *Module Leader*—Vallen Safety Services **Dunne, Joseph;** *ERT Shift Captain*—Chevron Pasadena

Duffie, Josephi, Ent Stifft Captain—Chevion Pasadena

**Epstein, Mike;** Applications Engineer—3M Scott Safety

Farmer, James; —Enterprise

**Fischer III, Walter;** *I&E Tech.*—Enterprise Products

Fleischman, David; Firefighter—ExxonMobil

Fleming III, Wally; Assistant Chief—Chevron

Forbes, Danny; Captain—Eastman, Texas City

Ford, John; — Citgo FD

Foster, Bill; President—Impact Safety Inc

Foster, Joseph; CEO—Impact Safety Inc

Fritz Oliver, Pablo; — The Response Group

Gantenbein, Jay; —Shell

Garcia, Zach; Fire Chief—Industrial Emergency Services

**Garcia, Doug;** *Operations Dept. Team Supervisor*—ExxonMobil BOP

Gardner, Billy; Operations/Emergency Response—LyondellBasell

**Gaudet, Brant;** Operations—Marathon Petroleum

Gilbert, Ron; Emergency Response & Security Section Supervisor

---ExxonMobil

**Gillentine, Blake;** Fire Protection Coordinator—Eastman Chemical

Gillespie, Jim; Fire Chief—Huntsman Corp.

**Glidden, Brent;** *Emergency Response Coordinator* 

—Shell Chemical LP - Geismar

**Gliem, Bob;** *Technical Director*—US Fire Pump

Graves, René

**Greco, Pete;** Retired Chief—LyondellBasell

Greco, Frank; — Bayer

Green, Bill; Retired Captain—Deer Park VFD

Griffith, Gregg; —IVXP

Gross, John; Chief—Marathon Petroleum

Gutierrez, George; Assistant Fire Chief

—Pasadena Refining Systems Inc.

Guzman, Angel; —Lubrizol

Haas, Mike; Retired—TPC Group

**Hale, Don;** *President*—Smart

Hall, Ken; Retired Fire Chief—Covestro

Hall, Lee; — National Foam

Hannemann, Paul; Fredericksburg Fire-EMS

Hardcastle, Lance; —LyondellBasell

Hazzard, Marc

Heidenescher, Jim; — Dooley Tackaberry

**High, Thomas;** Sales Engineer—Siddons Martin

Hill, Howard; Retired Assistant Chief—Shell Corporate Fire School

Hill, Michael; Assistant Chief—ExxonMobil BOP

## **GUEST INSTRUCTORS**

Hoffpauir, Joe; — Lyondell Basell

Hollaway, John; Fire & Safety Specialist

—Chevron Phillips Chemical Company

**Holley, Chad;** Fire Chief—TPC Group **Hollier, Kurt;** Operator—TPC Group

Huball, M. Alice; Inside Sales Manager—AMKUS Rescue Systems

Hunter, Brian; Fire Chief—Marathon Petroleum Company

Hyslop, Heather; FFE-19C—Houston FD

Isaacks, Rick; Fire Chief—Blue VFD; National Foam

Israel, Chris; Security Supervisor—LyondellBasell Houston Refining

Ivy, Ted; OSC—LyondellBasell

Jacks, Nichole; Captain—Vallen Safety Services

Jenkins, John; — Valero

Johannson, Heith; Emergency Response Training Specialist

-Nova Chemicals

Johnson, Aaron; — Fire Lion Global

Keene, Jared; —LyondellBasell, Channelview

King, Bobby; Assistant Chief—Dow Chemical Texas City

King, Craig; Owner—BST Rescue

**Klein, Matt;** *Process Tech*—Lyondell Basell

Krivak, Craig; Lieutenant—Michigan City FD

Lee, Richard; Lead Safety Specialist—Enterprise Products

Longoria, Pablo; —Phillips 66

**Lormand, Rhett;** Supervisor—ExxonMobil

**Lotz, Matt;** — Honeywell, Fluorine Products

Lozano, Jaime; Rescue Captain—ExxonMobil BOP

Lucas, Josh; Captain-Team 13—ExxonMobil Baytown

Maharg II, Gene; —Sutphen

Martinez, Benny; Fire Chief—Pasadena Refining System, Inc.

Mata, Steve; Regional Manager—Dupont

McBride, Larry; Retired Fire Chief—ExxonMobil Beaumont McCarrick, Howard; HSE Specialist Sr. II / Assistant Fire Chief

—LyondellBasell

McCool, Corky; Retired Fire Chief—BHP Billiton

McDonald, Scott; BASF Beaumont

McGargill, Don; — Nebraska Public Power District

McGing, Adam; — Lubrizol

McNallen, Mike; — Enterprise Products

Meek, Steve; Invista Houston

Milligan, Mike; Millwright Lead Man—Enterprise Products

**Morgan, James;** *Technical Sales Engineer* 

—Williams Fire & Hazard Control

Morris, Patrick; — Lyondell Basell

Mullens, Moon; Complex Fire Chief

—ExxonMobil Baton Rouge Complex

Munkirs, Autumn

Napier, Tommy; — Evonik AO, LLC

**Naquin, Butch;** *Consultant*—Petrosafe Technologies, Inc.

Nawrocki, Ryan; Chief Engineer / ERT—US Fire Pump Co., LLC

**Neely, Paul;** *Industrial Sales Manager*—Task Force Tips, Inc.

**Nerat, J.R.**; *Technical Manager*—Badger/Kidde Fire Protection

Newcomb, Kent; — Nebraska Public Power Cooper Nuclear

Nichter, Ryan; Fire and Safety Specialist

—Chevron Phillips Chemical Co.

Notman, Larry; Supervisor / HAZMAT Specialist — Honeywell

**Osborn, Chris;** Captain—Eastman Chemical

**Papirnik, Doug;** *Firefighter*—Edmonton Fire Rescue Services **Parker, Billy;** *Emergency Services & Security/Sr. Captain-EMT-B* 

—Dow Chemical Company

Parks, Michael; — Crown Point Fire-Rescue, IN

**Pepper, Steve**; *Director of Crisis Management*—Phillips 66

Peterson, Rich; Training Captain—Marathon Petroleum

Pierce, Erik; Chief—Covestro

Pike, Pike; —ExxonMobil

Prather, Austin; Regional Manager—Hayden and Company

**Pridgen, Keith;** Contractor Management Coordinator

—Albemarle Corporation

**Redington, Les;** — HollyFrontier Tulsa Refining

Reed, Allen; — Ascend Performance Materials

Reed, Byrd; Rescue Captain—ExxonMobil

**Reed, Luke;** VP / CEO—High-Vis Safety

Reichle, Robert; Retired Chief—ExxonMobil, Baytown Refinery

Resweber, Joshua; Captain—Port Arthur Fire Department

Reynolds, Joe; Fire Chief—Chevron Phillips Chemical Co. LP

Rezza, Kassie; — ExxonMobil

Richardson, Troy; Board Operator—Marathon Petroleum

Richardson, Chuck; Retired—Phillips 66

Rimel, Larry; Consultant—FP Consulting

Roller, Adam; Assistant Fire Chief—HollyFrontier

Roznovsky, Mark; Reliability Manager—Valero Three Rivers

Russell, Keith; Safety Supervisor—Westlake Chemical

**Russell, Kevin;** —LyondellBasell

**Sadowski, Matt;** Emergency Response & Security Coordinator

—Lubrizol Corp.

Sambilay, Bien; Captain—ExxonMobil

**Sater, Mike;** Fire Technician—The Lubrizol Corporation

**Saucedo, Joe;** *HES Professional*—Marathon Petroleum

Savoie, Aaron; — Hackberry VFD

**Shannon, Pat;** *HSES Manager*—The Lubrizol Corporation

**Shelton, Tommy;** Fire Chief—Goodyear Tire & Rubber

Sherman, Gerald; ERT Specialist—LyondellBasell

Shrader, John; — Baraka Nuclear FD

**Simoneaux, Pierre**; *Regional Sales Mgr.*—3M/Scott Fire and Safety

Small, Chuck; South Central Regional Sales Manager

—Safefleet (Foampro/Elkhart Brass/Frc/Rom)

Smith, Brent; ER Superintendent—Sasol

Smith, James; Assistant Fire Chief

—ExxonMobil FD Beaumont Refinery

**Snyder, John;** Fire Chief—Training Specialties Inc.

## **GUEST INSTRUCTORS**

**Steed, Brett;** Lead Safety Specialist Emergency Response

—Enterprise Products

Steel, Christopher; Fire Chief—Marathon Petroleum

**Stewart, Bobby;** Live Oak County Emergency Manager / Department

Safety Officer—Three Rivers FD

Stone, John; Retired Assistant Chief—Shell Oil

Straub, William; Deputy Fire Chief

—Citgo Refining & Chemicals Company

Stumpe, Kevin; Firefighter / EMT—U. S. Steel FD

**Stuntz, Shane;** *Emergency Management*—Shell

Tallon, Bob; Southeast Regional Sales Manager—National Foam

Tarkington, Danny; —Phillips 66

Tarter, Paul; Product Manager—Draeger

Tempel, Mike; Production Shift Manager—Flint Hills Resources

Terry, Billy; —Texas A&M Forest Service

**Thomas, Gary;** Retired Fire Chief—ExxonMobil **Thompson, Bryan;**—LyondellBasell Pipeline

Thompson, Sam; —Beeville FD

**Thomson, Scott**; —SC Johnson Fire Brigade

**Tilford, Cy;** Fire Safety Leader—Nebraska Public Power District **Townsend, Mark;** Safety Officer—Dickinson Volunteer FD

**Tramel, Wesley;** *Lignite Equipment Operator*—AEP

**Treviño, Manuel;** Rescue Instructor—First

**Turvey, Mark;** Fire Chief—Lubrizol Corporation

**Tye, Chad;** Firefighter—Grandview VFD **Van Deventer, Cody;** Operations/Fire Captain—ExxonMobil

Vargas, Paul; Emergency Response Coordinator

—Oiltanking Texas City

Varley, James; Deputy Chief—Deer Park FD

Walker, Spencer

Wall, Kyle; Fire Chief—HollyFrontier Refinery

**Way, Jeremy;** *Emergency Management Coordinator*—Setrac

**Waybright, Jonzack;** Fire Chief—ExxonMobil BPEP **Wells, Jesse;** Safety Coordinator—Colonial Webb

Wells, David; — ExxonMobil

White, Donnie; Retired—ExxonMobil

Williams, Ronald; — Dow Chemical Seadrift Operations

Wilson, Justin; Process Tech—LyondellBasell

Womack II, Jay; Safety Specialist—Turner Industries

Woodlee, JP; Fire Chief—Valero Refinery

Wright, Justin; Emergency Response Coordinator

—Williams Fire and Hazard Control

Yates, James; Fire/Rescue Captain—Chevron/Phillips

Zacherl, Todd; —Industrial Apparatus Services, LLC

Zeringue, Jeff; Site Safety Supervisor—Total Carville Styrenics Site

## **ACKNOWLEDGEMENTS**

The Texas Fire Training School sincerely appreciates the many manufacturers, organizations, departments, and individuals who, through their cooperation, provide thousands of dollars worth of training equipment and supplies.

The Texas Fire Training School Advisory Board, the Texas Fire Training School staff, and the administrative officials of The Texas A&M University System also appreciate the many dedicated instructors who have contributed so much to plan and carry out the training program.

This combined effort of individuals, organizations, industries, and municipalities should result in a significant reduction of lost lives and property in the years ahead.

#### DIAMOND

3M Scott Health & Safety
ExxonMobil
Honeywell Safety Products
Phillips 66
Williams Fire & Hazard Control, Inc.
LyondellBasell
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#### **SILVER**

Task Force Tips
Tyco Fire Protection Products
Agility Technologies
Chevron Phillips

#### **BRONZE**

Entergey Corp.
Paratech
Ringers Gloves
Ladderlight
WAPCO Distribution
Bullard



THE DEDICATION CEREMONIES FOR THE GUEST INSTRUCTORS' MEMORIAL WILL BE HELD AT THE BRAYTON FIRE TRAINING FIELD ON JULY 19, 2023 AT 7:30 AM.

2023 **Kyle Donaldson Benny Howard David White** CJ Marks Joe Willey Stacy Kuhlmann **Shawn Snider Roy Matheny** Joe Eddleman **Troy Harris** Armando Garza J.E. "Dinks" Eckert III William "Bill" Wegner **David Smith Eddie Rivier** Frederick Stigale **Don Jenkins Bob Falkner Curtis Brown** Mike Hill **Steve Tinberg Paul Bounds Travis Maher** Charlie Knight **Daniel Garcia** Willie Wisko

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Jackie Walton

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R. Roy Simmons

J.F. Simms, Jr.

Fordyce Sims

# TEEX Brayton Fire Training Field®

Disaster City® / Rescue Campus / Emergency Operations Training Center





# PROJECTS & CLASSROOMS

- 1 Pump Operations Building
- 3 Pump Operations Building
- 5 Pump Operations Building
- 7 Pump Operations Building
- 11 TEEX Store
- 12 Municipal / Leadership Offices A & B
- 13 Industrial Classrooms A & B
- 14 Pump/Vehicle Maintenance Shop
- 16 Pump Maintenance Shop
- 17 Portable Extinguisher Fires
- 18 Industrial Classroom
- 19 Industrial Bunker Gear Drying Building
- 20 Industrial Office
- 21 Industrial Classrooms A & B
- 22 Industrial Office
- 23 Industrial Classrooms A & B
- 24 Industrial Classroom

#### 25 H.D. Smith Operations Complex

#### 26 Les Bunte Complex

- 30 ARFF Fires
- 31 Process Unit Fires
- 32 Pipe Rack Fires
- 33 Compressor Station Fires
- 34 Chemical Complex Fires
- 41 Special Hazard Area Fires
- 42 Pump Alley Fires
- 43 Aerial Cooler Fires
- 44 Loading Terminal Fires
- 45 Bulk Storage Fires
- 46 Rail Car Loading Rack Fires
- 47 Tank & Dike Fires
- 50 Structural Burn Complex Fires
- 51 Structural Burn Complex Fires
- 52 Sprinkler Systems 53 Warehouse Fires
- 54 Pat Barrett Bunker Gear Building
- 55 Fixed System Classroom
- 56 Apartment Complex Fires
- 57 Annual Schools / Extension / Gvm
- 58 Recruit Classroom / Fire Station
- 58S Connex Burn Project Fires
- 60 Wastewater Control Building
  - 61 Wastewater Treatment System
  - 63 Commercial / Retail Complex Fires
- 64 Crude by Rail Fires
- 65 LPG Transport Fires 66 LPG Vapor Dispersion Fires
- 67 Well Head Fires
- 68 Fuel Tank Farm
- 70 EHS / Marine Office
- 71 Marine Classroom / First Aid
- 72 Breathing Apparatus Connex Maze
- 73 Breathing Apparatus Smokehouse, Maze A & B
- 77 L Slope Evac
  - 78 Lower Waste Water Station
  - 79 Breathing Apparatus Facility
  - 80 Marine Ship Deck Fires
  - 81 Marine Ship Superstructure Fires
  - 82 Marine Ship Engine Room Fires
  - 83 Industrial Technician Office / Shop
  - 85 Warehouse
  - 86 WMD EMS Shop

- 87 Field Maintenance Shop
- 88 LNG Fires/Auto Extrication Area
- 89 Extinguisher Refill
- 90 Ag Rescue / Auto Extrication
- 91 Hose Evolutions
- 92 Hose Loads
- 93 Salvage & Overhaul
- 94 Ladders Project

#### 95 Emergency Operations Training Center (EOTC)

- 96 HazMat Leak Vessel Complex
- 98 HazMat Office
- 99 EMS Laboratory
- 100 EMS Classroom / Computer Lab
- 101 EMS Office
- 102 EMS Storage / EMS Classroom
- 103 HazMat Classroom / Marketing
- 104 Business Office
- 105 Curriculum Office
- 106 Certification / Evaluation Office
- 107 HazMat Classroom
- 108 HazMat Classroom
- 109 HazMat Chemical Complex
- 110 Warehouse Shelter
- 111 HazMat Multi-Use Shelter
- 112 HazMat Classroom
- 113 HazMat Technician Shop
- 114 HazMat Equipment Storage
- 115 HazMat Warehouse 116 Chemical Train Terminal
- 117 Freight Train Derailment
- 118 Protective Housing Project
- 119 Rescue / Disaster City Canine
- 120 Crane Operations Shelter
- 121 Exterior Shoring Shelter 122 Interior Shoring Shelter
- 123 Breaching / Breaking Tunnel Shelter
- 124 Lifting / Moving Shelter
- 126 Passenger Train (7 cars)
- 127 Rescue / DC Warehouse / Shop
- 128 Rubble Pile #1
- 129 Single Family Building Collapse
- 130 Office Complex Building Collapse
- 131 Strip Mall Collapse 132 Rubble Pile #2
- 133 Government Building Collapse
- 134 Multi-Purpose Building Collapse
- 135 Canine Agility Area
- 136 Rubble Pile #3 / Professional Bldg.

#### 137 Rescue Training Facility

- 140 Rescue Vessels
  - I-Beam Tower
  - Slope Wall Vessel under I-Beam Tower
  - Horizontal Vessel D
  - Vertical Vessel
  - G. **Distillation Column**
  - Cylinder Tanks L
- 142 F. Rail Car
  - J. Scaffold Vessel
  - M. Hyperbaric Chamber
- 146 Drill Tower/Shelter

## GET YOUR CERTIFICATE

You will have access to print your TEEX Certificate online at the MYTEEX STUDENT PORTAL beginning AUGUST 11, 2023.

Pro Board Certificates will be mailed to the address you listed on your registration form.

TEEX certificates will not be printed onsite.



1

# If you do not have a TEEX Portal Account, you may create one now by visiting: my.teex.org/teexportal

- Click on the Create Account button.
   Use the email you currently have on file with TEEX.
   Once you have filled out the required information click on Create Account at the bottom of the page.
- You will be sent an email with a verification code embedded in the link. Click on the link, and you will then get a message that you have created your portal account.
- 2

# Log into your portal account to print certificate:

#### my.teex.org/teexportal

- Enter your email address (same email you used to create the portal account) and password (the one you created). Click on
- You will be asked a question, 'Have you taken TEEX courses?' Answer 'Yes' if you have or 'No' if this is your first class with TEEX.
- The next screen should show your TEEX
   Course History where you can click on the
   Print Certificate link next to each course listed.

Problems or Questions?
Call or Email us
studentrecords@teex.tamu.edu
979-458-6833

## IMPORTANT REMINDERS

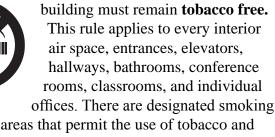
#### **Annual School Photo!**

Report to project #50/51 for Class Photo: Wednesday, July 19 at 8:00 AM

#### **Tobacco Use**

 $TAMU\ /\ TEEX$  by TEEX-TAMUS Policy

34.05.99-1, indicates that each



cigarettes.

### No Parking Available on the Field

Park in the lots in front of Building #25 and designated areas along Nuclear Science Road.

Carts and Trams will be picking up students near **Gates C and G** for transportation to your class.

### **Wear Your Badge to Meals**

You must wear your badge in order to receive lunch. Without your badge, you will have to pay.

### **IMPORTANT—Be Aware!**

In order to maintain accurate records and ensure you receive proper credit for the courses you complete, the Texas Fire Training School has initiated an electronic sign-in system for students and instructors.

Your badge will be scanned twice daily. It will be your responsibility to make sure you are scanned by a staff member at class and/or on a project.

To receive a **Successfully Completed** certificate, you MUST

- Attend all classes,
- Participate in all phases of the course, and
- Make a score of 70 or above on examination.

## Subscribe to Industrial Newsletter!

Scan the QR Code with your phone to receive updates on upcoming classes.



# How **HYDRATED** are You?

## **Urine comparison chart**

**CLEAR** 

LIGHT YELLOW





Drink 1 Quart over next 2 hours.





Drink 1 Quart over next 1 hour.

**YELLOW** 

**BRIGHT YELLOW** 



Drink 1 Quart in next 30 minutes.





Drink 1 Quart in next 15 minutes.

**DARK YELLOW** 

Severely

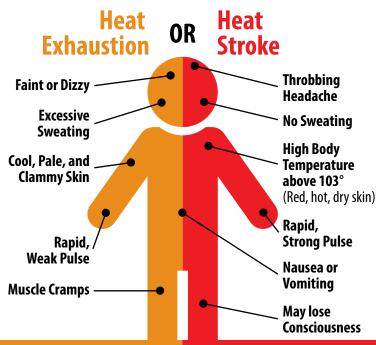




Drink 1 Quart immediately!

Caffeinated, Sugary, & Alcoholic beverages **dehydrate!**For frontline firefighting, 1 quart of liquid
should be taken every hour.

# **Heat Stroke** Awareness



# Call on Field Radio channel—ESTI Medic or call office at 979-862-1859

- Get to cool place
- Drink water if conscious
- Take cool shower/use compresses
- Take immediate action to cool person down until help arrives

## MARK YOUR CALENDAR



### Annual Schools Schedule



Spring School March 3–8



Industrial School July 14–19



Municipal School July 21–26



**Spanish School (Colombia)** August 7–12



### Annual Schools Schedule



Spring School March 2–7



Industrial School July 13–18



Municipal School July 20–25



Spanish School (TBD) TBD

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