



Center for Underground Infrastructure Research & Education (CUIRE)

17th Annual Certification Schools

**Monday and Tuesday, Jan. 28-29, 2019
Fort Worth Convention Center, Fort Worth, Texas**

CUIRE at the University of Texas at Arlington will hold its 17th annual Pipeline and Trenchless Technology Training and Certification Schools in conjunction with the [Underground Construction Technology \(UCT\) International Conference & Exhibition](#). This year's program includes Advanced HDD School, Geotechnical School, Pipe School as well as ½ day of Pipe Lining and Renewal School and Microtunneling and Pilot Tube School. Attendees may register for any of the following ½ Schools.

For more information, contact us at CUIRE at (817) 272-9177 or email cuire@uta.edu or visit <http://www.uta.edu/ce/cuire/>.

For registration, visit: <https://www.uta.edu/engineering/conferences/cuireschool/>

Monday, Jan. 28, 2019

Monday, Jan 28, 2019, 8:00 AM – Noon

- ***School A – Advanced Horizontal Directional Drilling (HDD) School (Part One) –*** Planning and design of large, mid- and small-size HDD projects from inception to closeout and delivery. The school will include talks on pipe loads, bore planning, drilling fluids and case studies.
- ***School B – Geotechnical School (Part One) –*** Geotechnical requirements for both trenchless and open-cut applications, soft soils and rock investigations methods, and how ground conditions will affect trenchless feasibility and productivity.
- ***School C – Pipe School (Part One) –*** This school will cover applications, capabilities, manufacturing, standards, advantages and limitations of steel, and rigid pipes such as clay, concrete and new developments in these pipe materials and joining systems.

Monday, Jan 28, 2019, 1:00 – 5:00 PM

- ***School D – Advanced Horizontal Directional Drilling (HDD) School (Part Two) –*** The second part of this school will include construction projects of all sizes, plus tracking, locating and case studies.
- ***School E – Geotechnical School (Part Two) –*** Planning, geotechnical reporting, and contracting requirements for trenchless technologies for different ground conditions.

- **School F – Pipe School (Part Two)** – This second part of this School will cover applications, capabilities, manufacturing, standards, advantages and limitations of flexible pipes such as ductile iron, PVC, HDPE, fiberglass, polypropylene and new developments in these pipe materials and joining systems.

Tuesday, Jan. 29, 2019

Tuesday, Jan 29, 2019, 8:00 AM – Noon

- **School G – Pipe Lining and Renewal School** – This school will cover pipe lining and renewal methods including Cured-in-Place Pipe (CIPP), sliplining, modified sliplining (panel lining), close-fit, Spray-in-Place Pipe (SIPP) and other methods. This school will also cover cleaning and pipeline inspection technologies for pressure and gravity pipes, and construction QA/QC.
- **School H – Microtunneling and Pilot Tube School** – This school will cover planning, design and construction of Microtunneling Methods (MT) and Pilot Tube and Other Guided Boring Methods (PTGBM), and will include case studies. A discussion of new ASCE Microtunneling Standards and Manual of Practice on PTGBM will be presented by authors.

Each ½ day school qualifies for 0.4 CEU and 4 PDHs through the University of Texas at Arlington. For more information regarding these Schools, contact CUIRE at (817) 272-9177 or email: cuire@uta.edu. The registration fees for these Schools are according to following table:

Schools	Registration		At Site (Cash or Check Only)	What You Receive?
	Before Jan. 15	On and After Jan. 15		
1/2-Day	\$195	\$295	\$350	<ul style="list-style-type: none"> • Up to 0.4 CEU, 4 PDHs • Full UCT Registration • Certification
1-Day	\$365	\$465	\$550	<ul style="list-style-type: none"> • Up to 0.8 CEUs, 8 PDHs • Full UCT Registration • Trenchless Technology Book • Certification
1.5-Day	\$515	\$615	\$850	<ul style="list-style-type: none"> • Up to 1.2 CEUs, 12 PDHs • Full UCT Registration • Trenchless Technology Book • Certification

Focusing on technical and engineering applications, topics will include:

Design Concepts
 Water, Sewer, Gas & Cable
 Applications
 Evaluation Technologies, Site Surveys
 Application Assessment
 Bidding Data
 Contract Documents and
 Specifications

Inspection & Testing Construction QA/QC
 Program
 Project Delivery System Alternatives
 Strategies for Risk Assessment & Allocations
 Recent Regulations
 New Equipment & Methods Case Studies

By completing each School you will receive:

- A complimentary copy of new book, *Trenchless Technology: Planning, Equipment and Methods - a \$135 value!*(only for 1-day and 1.5-day Schools).
- A wallet-size certification.
- Up to 1.2 CEUs and 12 PDHs.
- A PDF copy of all the presentations.
- As a bonus, a full complimentary registration to UCT is also included with each School registration (includes daily registrations)!
- Your name and company information will be featured for 3 years on CUIRE Web site (Optional)

NOTE: Register early - There is a maximum limit of 25 attendees for each School!

Who should attend? Public officials, engineers, utility company personnel, designers, utility owners and operators, and contractors who are involved with constructing, renewing, and managing utilities. CUIRE Schools are organized by the Center for Underground Infrastructure Research & Education (CUIRE), Department of Civil Engineering, The University of Texas at Arlington; and cosponsored by *Underground Construction Magazine*.

Registration Particulars: Pay with check or credit card (Visa, Master Card, Amex, and Discover). Register early: Registration is limited to first 40 people on a first time, first-serve bases.

On-site (walk-in) registrations are welcome based on space availability only.

Call CUIRE at 817-272-9177, or email cuire@uta.edu to make sure space is available.

Learn from Experts Program® The schools will be taught by CUIRE Board Members and Friends who have many years of experience in the area of their teaching.

No-Risk Registration®: If you cannot attend the School, you may send a substitute. *If for any reason you are not satisfied with the program, let us know at 817-272-9177 or cuire@uta.edu know within one week of the program, and we will set things right with you!*

Certificate & Professional Development Hours: These Schools qualify for up to 1.2 Professional Development Hours (PDH) of continuing education credit. A PDH certificate indicating inspector training will be awarded at the conclusion of the School. **The wallet-size certificate will be mailed shortly after completion of the Schools.**

Hotel Information: See UCT Web site at <http://uctonline.com/housing/> for hotel reservation information.

Individuals with disabilities requiring assistance should email cuire@uta.edu well in advance of the meeting date. Late requests will be met when possible.

Tax Information: Your educational training may be tax deductible.

NOTE: CUIRE reserves the right to change program, substitute speakers, or modify or cancel a School due to insufficient enrollment.

For more information, contact CUIRE at (817) 272-9177, or email cuire@uta.edu or visit <http://www.uta.edu/ce/cuire/>