ABOUT SCHOOL

The TTC Auger Boring School is an intensive 5-day course about horizontal auger boring method for pipeline installation. The purpose of this school is to provide students the knowledge and tools for performing successful auger boring projects. The school will educate on all aspects of auger boring projects from design to construction, with special focus on risk management and safety.

Instructors will include recognized experts in this field with many years of field experience. Instruction will be a mix of lecture and hands-on practical sessions. A state-of-the-art outdoor facility has been constructed for this this purpose on the Louisiana Tech campus. Field sessions will include two auger boring installations, one non-steerable and the other steerable. The two installations will use two different type of steel casing: one will install steel joints that require traditional welding and the other Permalok steel interlocking pipe. At the end of this short course, students will receive a Certificate of TTC Auger Boring School Completion. Students will also earn 4 CEUs /40 PDHs for attending.

SCHOOL DIRECTOR

Jadranka Simicevic, *TTC, 318-257-2744,*
jadranka@latech.edu

SCHOOL SPECIAL ADVISORS

Brian Dorwart, *Brierly Associates*
Babs Marquis, *McMillen Jacobs Associates*

WHO SHOULD ATTEND

- ❑ Contractors, Project Superintendents, Foremen, Crew Members
- ❑ Estimators, Public officials, Engineers, Educators, DOT Employees, Regulatory Agency Representatives, Public Utility Employees, etc.

February 13-17, 2017

Louisiana Tech Campus, Ruston, LA

REGULAR 5-DAY COURSE
(CONTRACTORS' OR ENGINEERS' TRACK)

SUPER-SAVER Until Nov 30, 2016 **$1,345**

EARLY BIRD Until Dec 31, 2016, **$1,445**

REGULAR FEE Starting Jan 1, 2017, **$1,559**

COMPRESSED 3-DAY COURSE
(ENGINEERS' TRACK)

3-day SUPER-SAVER Until Nov 30, 2016 **$1,055**

3-day EARLY BIRD Until Dec 31, 2016, **$1,185**

3-day REGULAR FEE Starting Jan 1, 2017, **$1,325**

Additional 10% discount for
3 or more attendees from same company

10% discount for
NUCA CONTRACTORS MEMBERS
Obtain the Code at www.nuca.com

DETAILS AND REGISTRATIONS

http://ttcspecialtyschools.com/abs/

GETTING THERE

Airports
Monroe (MLU) 45 min drive
Shreveport (SHV) 1 hour 15 min drive

Hotels
Blocks of rooms are reserved for attendees, with special rates, valid until Jan 29, 2017
Fairfield Inn, 318-251-9800, $99/night + tax, king
Sleep Inn, 318-232-1100, $99/night + tax, double queen

CONTACT US

Trenchless Technology Center
P.O. Box 10348, Ruston, LA 71272
P: (318) 257-4072, F: (318) 257-2777
EMAIL: ttc@latech.edu
URL: ttc.latech.edu

TTC/NUCA
AUGER BORING SCHOOL

TTC/NUCA
Auger Boring School

ABS 2017

February 13-17, 2017
Ruston, LA

• THEORY • PRACTICE •

Trenchless Technology Center

TTC/NUCA Auger Boring School

ABS 2017

In addition to providing practical content on how to perform auger bores in accordance with industry standard practice, the course will also prepare the students to plan and design constructible auger bores. Upon completing the school, the students will be able to answer the following questions:

- ❑ Have you ever received formal instruction regarding planning, design, and construction of auger bores?

  YES ☑

- ❑ Have you ever received formal instruction in soil science as it relates to the auger bore excavation process?

  YES ☑

- ❑ Have you ever received formal instruction regarding industry standard of care and standard of construction practice for auger boring?

  YES ☑

- ❑ Have you ever witnessed auger boring operations in the field?

  YES ☑

WHY ATTENDING THE ABS ?

The TTC Auger Boring School (ABS) will provide students the knowledge and tools for performing successful auger boring projects.

The program will cover, in context of the newly revised ASCE's Auger Boring Manual of Practice. **MOP 106** , the following:

- ❑ History and Capabilities of Auger Boring
- ❑ Planning and Design
- ❑ Jobsite Preparation
- ❑ Dewatering Methods
- ❑ Properties and Testing of Drilling Fluids.
- ❑ Mixing Drilling Fluids
- ❑ Theory of 'Steering a Bore'
- ❑ Grouting
- ❑ Auger Boring Special Applications
- ❑ Construction Management
- ❑ Safety

The practical sessions will cover:

- ❑ Non-steerable auger boring
- ❑ Steerable auger boring
- ❑ Welding of steel pipe joints
- ❑ Permalok casing
- ❑ Electric auger boring machine (to be confirmed)

ABOUT AUGER BORING

COMMOLY USED TRENCHLESS METHOD. Auger Boring is a well established and perhaps the most commonly used trenchless installation method. The mechanics are generally well understood, and when good design and responsible contracting combine, the success rate is very high. Recent advances in equipment and contractor skills have significantly expanded the ability of auger boring to solve more complex utility crossing problems. Likewise, advances in soil engineering combined with project planning and design have created business opportunities for wider use of auger boring as a green and low third party impact construction solution.

THE KEY TO SUSCCESS. The key to successful auger boring projects is good understanding of the interaction between subsurface conditions and the equipment/means and methods selected by the contractor. The ABS provides in-depth instruction on issues involved. Even students who have performed auger boring installations will get new understanding of issues and how to address them in practice.

WHY IS ASCE MOP 106 IMPORTANT? It provides a baseline industry standard of practice for auger boring projects. With the increasing pressure to construct utility crossings more cost effectively and with lower risks, auger boring is becoming the method of choice. Lower risk requires proper understanding of equipment and contractor capabilities in both design and construction. The new revision of the ASCE auger boring manual of practice, MOP 106, is based on most current planning and engineering approaches.