

ADVANCED UNDERGROUND SCHOOL

The *Advanced Underground School* covers underground troubleshooting and associated equipment. Topics include safe working practices and procedures, fault locating, single- and three-phase enclosures, and URD procedures. Upon completion, students will be able to install enclosures and recognize and utilize equipment used in URD troubleshooting.



COURSE OUTLINE

- Cable Locating
- Circuit Protection
- Fault Indicators
- Making of 600-Amp Equipment
- Personal Protective Grounding Techniques
- Primary Fault Finding
- Reducing Underground Outages
- Secondary Fault Finding
- Transformer Changeout and Banking
- Transformer Troubleshooting
- Underground Switchgear

This school is not intended to certify an individual as outlined in (a) (2) (vii) of the 1910.269 Electrical Power Generation Transmission and Distribution Standard.

PREREQUISITES

Basic Underground School

CANCELLATION POLICY

If a course is cancelled by ElectriCities, all registrants will be notified with a full registration fee refund.

Participant Cancellation and No Shows: A non-refundable registration fee will be charged for cancellations after the **registration deadline of April 5, 2021.**

COURSE DATES

April 19 – 23, 2021

Registration deadline April 5, 2021

PRICE

Members: \$699

Associate Members: \$1049

Non-Members: \$1599

Price includes workbook, snacks and lunch Monday – Thursday. Class size is limited to 18.

TIMES

Monday: 9:00 a.m. – 5:00 p.m.

Tuesday – Thursday: 8:00 a.m. – 5:00 p.m.

Friday: 8:00 a.m. – 12:00 p.m.

LOCATION

Nash Community College

522 N. Old Carriage Road

Rocky Mount, NC 27804

Continuing Education Building Room 8265

HOTEL

DoubleTree

651 North Winstead Avenue

Rocky Mount, NC 27804

(252) 937-6888

Ask for the ElectriCities rate. \$85.00 per night plus tax

NASH COMMUNITY COLLEGE

This course is part of the Nash Community College Electric Line Construction Technology Degree program. Successful completion of the ElectriCities Advanced Underground School grants participants credit for Nash's "Underground Line Construction II" (ELT 212).

AFFILIATED PROGRAMS

*This course satisfies Safety School requirements for the following **ElectriCities** programs:*

- ✓ Underground Career Development
- ✓ Apprenticeship (Level 4)

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STUDENT REQUIREMENTS

Students are required to bring the following:

- **Required PPE** (hard hat, work gloves, rubber gloves and protectors, **ANSI Z87** safety glasses, work boots)
- Side Cutter Pliers
- Channel Lock Pliers
- Lineman's Hammer
- Large Flathead Screwdriver
- 12" Adjustable wrench
- Ratchet wrenches 1/2", 9/16", 5/8", 3/4"
- Hex Key set 3/16-3/8
- Folding Fiberglass Ruler
- Skinning knife
- Lineman's ratcheting wrench
- Penta Star wrench
- Voltage Meter
- Rain Gear
- FDR long-sleeve shirt(s)
- APPA Safety Manual 16th Edition*

Students who are physically restricted to participate will be dismissed. Students with damaged or defective equipment will be dismissed.

* To purchase, contact Jill LaBorde at:
919-760- 6301 or jlaborde@electricities.org