



LVCB MODERNIZATION COURSE

URC
UTILITYRELAY.COM

THE COURSE

The Low Voltage Circuit Breaker Modernization Course combines classroom and hands-on experience to provide new and veteran technicians with an education in the theory behind low voltage trip systems and a solid understanding of the retrofit process.

What you will learn:

THEORY

of protective devices used on low voltage power breakers

INSTALLATION

of a Retrofit Kit

HANDS-ON

installation of a retrofit kit with no more than 2 students per breaker

BREAKER TESTING

of the completed retrofit using primary & secondary injection along with our InfoPro-AC software (Bring your own laptop)

*compatible ONLY with Windows based computers

2.5 DAYS

combined classroom and hands-on instruction.

20 NETA CREDITS

NETA Continuing Technical Development credits awarded to members of NETA accredited companies.

LOCATION

Utility Relay Company
Chagrin Falls, Ohio

Marriot Towneplace Suites
Beautiful Northeast Ohio

Cost: \$2,200

Credit card required to reserve a seat.

Registration Includes:

- Hands-On and Classroom Learning
- Hotel accommodation (3 nights)
- Full Breakfast each morning
- Lunch - Wed and Thurs
- Group Dinner on Wed



THE EXPERTS

The course is instructed by our degreed electrical and mechanical engineers. Together they have decades of experience designing electronic trip devices and retrofit components for hundreds of low voltage AC & DC power circuit breakers.



“A great class. I would recommend it to all electrical testing companies.”

SCOTT SMITH - PACE TECHNOLOGIES

“Great experience, all instructors were extremely knowledgeable”

MIKE GUERRA - FERGUSON ELECTRIC



ABOUT US & WHY WE STARTED THE RETROFIT COURSE

Since URC started in 1995, our total energy has been focused on one thing, low voltage protection. More specifically, to develop and manufacture retrofit protection products for the low voltage breaker retrofit market. Our company philosophy is simple; produce high quality, easy-to-use products and follow it up with the greatest customer service possible.

Over the years our customers have repeatedly asked:

“Where can we find qualified breaker technicians to retrofit circuit breakers?”

This industry request for help has gone unanswered until now. URC is proud to announce and offer our Trip Unit Retrofit Class to our partners. This class will be held throughout the year at our facility in Chagrin Falls, Ohio.

The Low Voltage Circuit Breaker Retrofit Class can be a starting point for a new technician, or sharpen the skills of the experienced team leader. This class is being offered to both independent and OEM service technicians that retrofit power circuit breakers.

UPCOMING SESSIONS

Register by July 31, 2023

Fall 2023

SEP 27 - SEP 29

To Register or For More Information:

Call: 440-708-1000 ext-139

Email: ANelli@UtilityRelay.com

CLASS SCHEDULE

(Subject to change from session to session based on student's experience)

DAY 1

CLASSROOM

8:30 AM to 4:00 PM

Hotel Meeting Room

- Basic components of low voltage power circuit breakers
- Short history of series overloads
- Short history of electronic trip units
- Components of an electronic trip system
- Basic iron core sensor theory
- Rogowski coil sensor theory
- Trip Units

Evening

- Team Dinner

DAY 2

CLASSROOM & HANDS-ON

8:30 AM to 4:00 PM

Hotel Meeting Room & URC

- Trip Units (continued)
- TCCs
- Tour of URC Facility
- Lunch at URC
- Hands-On Retrofit

DAY 3

HANDS-ON

8:30 AM to 12:00 PM

Hotel Meeting Room

- Hands-On Retrofit
- Breaker Testing
- Certificates
- Adjourn

**EXCEPTIONAL PRODUCTS
EXCEPTIONAL SERVICE**

Utility Relay Company
10100 Queens Way
Chagrin Falls, Ohio 44023
440-708-1000



UTILITYRELAY.COM