



PENNSYLVANIA
PETROLEUM
ASSOCIATION

TECHNICAL TRAINING CENTER

2019

COURSE DATES

April 17

PPA Training Center
911B S. Eisenhower Blvd
Middletown, PA 17057
717-939-1781

April 25

F.W. Webb Training Center
1665 E. Race Street
Allentown, PA 18109
484-488-3549

May 2

SpringHill Suites by Marriott
– Philadelphia/Plymouth
Meeting
430 Plymouth Road
Plymouth Meeting, PA
19462
610-940-0400

9:00 am – 1:00 pm

REGISTRATION FEE:
\$80/PPATEC Member
\$100/Non Member

REGISTER ONLINE AT:
<https://ppatec.com/schedule/>

TROUBLESHOOTING LOW VOLTAGE WIRING

This class provides attendees with the basics of understanding low voltage wiring. Wiring relays and controls will be covered during this class with a specific focus on troubleshooting low voltage wiring applications.

Lunch will be provided at the conclusion of class.

Our Instructor: Ed (Eddie) Howell brings over 40 years of industry experience to the PPA technical training program. Eddie began his career working for PA based HVAC company for nearly two decades. He has spent the last 25 years at APR Supply which included managing their training efforts for the 30+ locations. Ed's credentials include Nortek TSA, NATE Certified in four disciplines (A/C, HP, Gas Furnace, and Oil & Gas Hydronics), RSES Member, and local OESP Chapter member.

Troubleshooting Low Voltage Wiring will cover:

- Low voltage schematics and wiring diagrams
- Low voltage relays and controls overview
- Troubleshooting low voltage wiring