



PENNSYLVANIA
PETROLEUM
ASSOCIATION

TECHNICAL TRAINING CENTER

2019

COURSE DATES

March 5

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

9:00 am –4:00 pm

REGISTRATION FEE:
\$160/PPATEC Member
\$200/Non Member

April 30

SpringHill Suites by Marriott
Philadelphia/Plymouth
Meeting
430 Plymouth Rd
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/>

Understanding Electricity

This full-day course will begin with discussing the operation, testing, and troubleshooting of electric components found in HVAC equipment, electronic control boards, electronic operating controls, and igniters. The course will involve all types of primary and limit controls found on today's equipment. ECM technology will also be discussed, including operation, service, and troubleshooting.

This is a hands-on class; technicians are encouraged to bring their own meters to the class. Technicians will be instructed on the use of meters to test electrical circuits and equipment. Fundamental knowledge of basic electricity is desired to attend this class.

Lunch is provided for attendees at no additional cost.

Our Instructor: Kurt Massa has decades of HVAC industry experience including positions as an HVAC technician, manager, and instructor. Kurt holds a NORA Gold Certification, is a certified NATE instructor, and has taught various HVACR courses at Delaware County Community College. This combination of field experience as well as years of sharing his knowledge as an educator makes Kurt a great resource for the 2019 PPA technical program.

Understanding Electricity will cover:

- Electric Motors
- HVAC Electric Components
- Testing Electric Components
- Electronic Control Boards
- Electronic Components
- ECM Technology