

# The Electrical Association of Philadelphia



## Transformers Class Friday, March 23, 2018

Learn the installation rules, grounding and bonding rules, locating a transformer and its disconnecting means, special situations, calculating primary and secondary current levels, wiring schemes when the transformer is utility owned vs. customer owned, separately derived systems and the latest NEC disconnect rules and labeling requirements in this important eight-hour training session.

- Types/Construction
- Single Phase vs. Three-Phase
- Primary-Secondary Ratios
- Installation/Location
- Pole Mount/Pad Mount
- Vault Requirements
- Services
- Overcurrent Protection
- Safety/Testing – NFPA 70E Guidelines
- Disconnect rules
- Labeling
- Grounding
- Bonding
- Separately Derived System Installation
- Utility vs. Customer-Owned Supply Transformer

**CEUs:** 8 hours for Philadelphia and New Jersey Contractors  
5 hours for Delaware Contractors  
5 hours for Cecil County, MD  
8 hours for Queen Anne, MD  
8 hours for PA Electrical Inspectors  
8 PDHs for PA PEs

**Date:** Friday, March 23, 2018

**Schedule:** Registration at 7:15 a.m.; Class 7:30 a.m. - 4:00 p.m.

**Cost:** Member Rate - \$250; Non-Member Rate - \$295  
Lunch will be provided.

**Location:** EAP Offices, 527 Plymouth Rd., Door H, Plymouth Meeting, PA 19462

**Instructor:** Rich Van Wert

**Required Text / Materials:** Bring your own copy of the NEC book.

**For those who want NJ CEUs:** Photo ID & NJ License

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- To pay using a credit card, register [on-line here](#) or call (610) 825-1600
  - To pay by check, complete this form and make check payable to: The Electrical Association of Philadelphia
  - Payment is required at time of registration to reserve your seat
  - Questions? Call Arielle at (610) 825-1600, ext. 14 or [electric@eap.org](mailto:electric@eap.org)
  - **No Refunds...** SEE OUR REFUND POLICY [www.eap.org](http://www.eap.org)
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**Name:** \_\_\_\_\_ **Company:** \_\_\_\_\_

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