**Michael Leitzel**

Training Specialist

Certificates/Licenses

* Journeyman Inside Wireman IBEW
* Certified residential building inspector
* International Code Council Commercial Electrical Inspector (5208890-E2)
* PA Dept of L&I Certification (#004284)
* OSHA-approved 10- and 30-hours construction outreach course instructor

Education/Training

**IBEW Apprenticeship**  
5 years - 8000 hours

Technical Experience

**Journeyman Inside Wireman/Electrician Foreman IBEW Local #143** **1995—present**  
All levels of electrical construction (e.g. EMT, IMC, RMC, FMC, RNC) as journeyman wireman and as foreman in charge of various sizes of crews; single-phase, three-phase, low-voltage, high-voltage; CAT III, CAT V, fiber-optic installation and terminations; residential, commercial, industrial installations; raised cellular floor systems, UPS systems, automatic transfer switches and generators, building automation, energy management systems; hospitals, schools, computer labs, government and military facilities; served as OSHA-approved training instructors for outreach program; represent Local #143 on Vocational School Advisory Committee.

Instructional Experience

**American Trainco 2010—present**Instructor for electrical troubleshooting, industrial electricity, and National Electrical Code®

**Harrisburg Area Community College 2008—present**  
Adjunct faculty for 6 to 12 credit hours in electrical theory, motor controls, National Electrical Code®, blueprint reading, and safety in the workplace; develop course syllabi, lab sessions and lesson plans in accordance with school curriculum; lead students in development and design of motor control circuits; supervise, critique, and grade students on construction of circuits, proper operation and wiring techniques.

**Thompson Institute, Electrician Program 2004—2006**  
Program director for 80 day/evening students; interview, advise, and support fellow instructors on classroom techniques, methods, and theory; develop class and program curriculum; lead instructor for classes in AC/DC theory, commercial and industrial wiring techniques, motor controls, residential and commercial services and transformers, circuit and service sizing and installation techniques, hazard awareness, electrical safety, and National Electrical Code®.