

Jeffrey Simpson

Objective Promote electrical education and higher learning by utilizing modern platforms and cutting-edge course curriculum.

Feb 2016 to present **Electrical License Renewal.com (ELR)** Raleigh NC

Experience **Electrical Codes Instructor**

- Provide electrical code presentations to contractors and nearby Inspection authorities.
- Create continuing education curriculum and exam prep materials.
- Work with microsoft PowerPoint, Word, Excel, Ispring, Prezi, Adobe Captivate, Adobe Presenter.
- Provide technical support for students and contractors with code related questions.

March 2016 to March 2021 **Underwriters Laboratories** Durham NC

Lead Regulatory Engineer

- Represent UL Regulatory Services in the New England area
- Provide electrical code presentations to contractors and Inspection authorities.
- Create education curriculum.
- Provide technical support for UL clients and inspection authorities.

June 2014 to March 2016 **Jade Learning** Raleigh NC

Electrical Codes Instructor

- Provide electrical code presentations to local contractors and nearby Inspection jurisdictions.
- Create continuing education curriculum and exam prep materials.
- Work with microsoft PowerPoint, Word, Excel, Ispring, Prezi, Adobe Captivate, Adobe Presenter.
- Provide technical support for students and contractors with code related questions.

June 2012 to June 2014 **City of Durham** Durham NC

Chief Electrical Inspector/Electrical Inspections Supervisor

- Manage Electrical Inspections staff and work closely with the State Electrical Board, Board of Electrical Contractors and surrounding Jurisdictions.
- Review Electrical plans to ensure compliance with applicable codes and regulations.
- Advises property owners, contractors, architects, engineers and others on matters relevant to construction methods, materials, types of construction and occupancies.
- Provide code presentations to local contractors and nearby Inspection jurisdictions.
- Responsible for group instruction of Electrical Inspection staff in proper electrical inspection procedures and new code implementation.

July 2005 to May 2012 **City of Peoria** Peoria Az

Senior Electrical Inspector

- Perform Electrical inspections to assure compliance with the City's currently adopted codes as well as state and federal laws.
- Reviews plans and specifications for commercial buildings and related construction involving installation, repair, replacement and alteration for compliance with applicable codes and regulations.
- Work Closely with U.L. and other Nationally Recognized testing laboratories to ensure the proper use and installation of electrical equipment and components.
- Responsible for group instruction of Building Inspection staff in proper Electrical inspection procedures and new code implementation.
- Work as interim Building Safety Supervisor as needed.

Jan 2004 to July 2005 **City of Peoria** Peoria Az

Residential Combination Inspector

- Reviews plans and specifications for residential buildings and related construction involving installation, repair, replacement and alteration for compliance with applicable codes and regulations.
- Perform combination dwelling inspections including Plumbing, HVAC, Electrical, and Structural inspections for residential builders and custom homebuilders.
- Perform commercial Electrical inspections as needed

Apr 2003 to Jan 2004 **Renault-Thomas Corp.** Scottsdale Az

Electrician

- Commercial electrical remodel and equipment upgrade.
- Responsible for ensuring store compliance with current electrical codes.
- Assist developers and contractors during new store construction.

Apr 1998 to Apr 2003 **Pro-tech Electric** Surprise Az

Electrician

- Install/maintain electrical systems/equipment in residential, commercial and industrial occupancies.
- Licensed Commercial Electrical Contractor with the State of Arizona License #ROC173235.

Feb 1997 to Mar 1998 **A.B.D.** Scottsdale Az

Electrician

- Pre-wiring custom homes with Lite-touch and Leutron systems.
- Installing motor controls
- Troubleshooting existing electrical installations.

Education

Feb 1994 to Mar 1997 **Stehower Electric** Phoenix Az

Commercial Electrical Apprentice

- Perform tenant improvements, electrical service work and new construction.
- Light industrial electrical service and installation.

2001 to 2012

Continuing education at **Glendale, Gateway and Mesa community college** as well as ICC endorsed code seminars studying commercial and residential Electrical codes, Plumbing codes, Mechanical codes, Building codes, Healthcare facility wiring methods, Blueprint reading/plans review and the like.

1985 to 1989 **Greenway High School** Phoenix Az

Graduated with diploma.

**Affiliations,
Memberships**

- 2026 NEC Code Panel 18 Member (Principal)
- Code Panel member for the 2014-2020 NYC Electrical Code adoption process (Chapter 4)
- Approved as a classroom Electrical Instructor in 24 states.
- Continuing education coordinator at the NC Ellis Cannady Chapter IAEI
- Chairman of the NC IAEI NEC Code Clearing Committee for 2017 NEC
- Instructor/sponsor for continuing education and new Inspector training through the NC Department of Insurance Engineering and Codes Division.
- Electrical code Instructor for the Technology and Consumer Science department at Glendale Community College.

- IAEI Ellis Canady Chapter Education Coordinator
- Electrical codes instructor for the IAEI (Central AZ Chapter).
- Electrical codes instructor for the AZ Independent Electrical Contractors Association.
- Code Making Panel Member through International Code Council ISPSC.
- Licensed previously as a home inspector through the State of Arizona Board of Technical Registration. Lic# 42674
- Licensed previously in Arizona as a Commercial Electrical Contractor. License # ROC 173235

Other Skills:

Expert in Microsoft PowerPoint, Word, Excel, Ispring.

Proficient in Adobe Illustrator, Adobe Captivate, Adobe Presenter, Prezi, Emaze and most presentation platforms.

Certifications:

- **Master Electrical Inspector IAEI CEI-M-228**
- NCDOT Standard level 3 Electrical Inspector
- North Carolina Unlimited Electrical Contractor
- State of Washington licensed Electrical Administrator
- IDECC certified distance educator 67996

Current certifications held with the International Code Council:

Accessibility Inspector/Plans Examiner Building Inspector Building Plans Examiner Certified Building Code Official Certified Building Official Certified Electrical Code Official Certified Mechanical Code Official Certified Plumbing Code Official Combination Inspector Combination Plans Examiner Commercial Building Inspector Commercial Combination Inspector Commercial Electrical Inspector Commercial Mechanical Inspector
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Electrical Code Specialist Electrical Inspector Electrical Plans Examiner Master Code Professional Mechanical Code Specialist Mechanical Inspector Mechanical Plans Examiner Plumbing Code Specialist Plumbing Inspector Plumbing Plans Examiner Building Code Specialist Residential Building Inspector Residential Electrical Inspector Residential Energy Inspector/Plans Examiner Residential Mechanical Inspector
