



Andy Hirsch

Electrical Safety Consultant

Andy Hirsch has more than 30 years' experience as an electrician, electrical designer, and electrical instructor. His designer and construction manager experience focused on developing power distribution systems, complex control systems, and complex automation systems.

Andy also trains apprentices in many different subjects, including NFPA 70® National Electric Code, at IBEW Local 16 apprenticeship school in Evansville, IN. He has extensive experience as a fiber optics technician.

Career Highlights

e-Hazard **2022-Present**
Electrical Safety Consultant

PROJECT ASSOCIATES, INC. **2019- Present**
Senior Electrical Designer

- Developed power distribution and complex control systems.
- Responsible for specifications and design of all electrical components.
- Provided NFPA 70® National Electrical Code training.

NECA/IBEW ELECTRICAL TRAINING ALLIANCE **2017-Present**
Instructor

- Math, algebra, geometry, trigonometry, job orientation, electrical safety-related work practices, National Electrical Code NFPA 70®, DC theory, and blueprint reading.

PCI SKANSKA **2007-2019**
Evansville, IN

Discipline Lead, Industrial Controls & Automation/Project Manager **2016**

- Oversaw personnel management for 8 engineers, designers, and CAD technicians

Senior Electrical Designer/Construction Manager **2012**

Electrical Designer/Construction Manager **2007**

- Developed complex control systems and architecture, from conceptual design through detailed design.
- Responsible for specifications and implementation of all electrical components and overall electrical layout, safety, and design of complex automation systems.
- Provided engineering and design services.

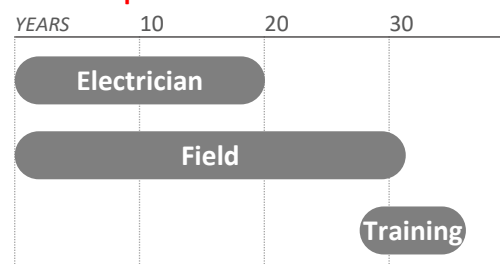
Snapshot

Focus

TRAINING

- Low Voltage

Career Experience Timeline



Education & Certifications

NECA/IBEW Electrical JATC-Evansville, Evansville, IN

Electrical Apprenticeship

National Fire Protection Association (NFPA) 70E

Electrical Safety Training

Institute of Electrical and Electronics Engineers (IEEE) 1584-2018

How to Perform an Arc Flash Study

University of Michigan/Electrical Training Alliance

Principles of Learning and Elements of Trade Teaching

Designing, Developing, and Delivering Instructional Technology

University of Southern Indiana, Evansville, IN

Certificate in Project Management

Building Industry Consulting Services International (BICSI)

Certified Fiber Optic Technician

Licenses & Professional Memberships

Licensed Journeyman Electrician, Indiana