The construction industry is moving quickly towards greener, high-performing buildings, creating increased demand across the country for sustainable building skills.

GPRO Electrical Systems (EL) explains the essential role electricians play on sustainable construction projects. Taught by industry experts using real-life classroom exercises, GPRO Electrical Systems gives experienced electricians the critical tools to transition from conventional to sustainable construction practices.

GPRO EL is ideal for a range of professionals in the electrical industry including subcontractors, installers, and technicians.

This 12-hour certificate course can be scheduled to meet the needs of your organization. Certificate exam is included.

WHAT STUDENTS LEARN

Part 1: Fundamentals of Building Green
- Economic and health benefits of green building
- Causes and impacts of a changing climate
- Transitioning to sustainable construction practices
- Complying with green codes and standards
- Understanding LEED
- Overview of green building strategies
- The importance of commissioning

Part 2: Electrical Systems
- Important sustainability issues for electricians
- Economic opportunities for the electrical industry
- The role of electrical systems within the “whole-building” approach
- The key differences between green and conventional electrical products and work practices
- Improving efficiencies in lighting and HVAC
- New technologies for distributed generation
- Using benchmarking and other tools to maintain building performance
- The electrician's role in the building commissioning process
- Retrofitting existing buildings with energy-efficient technologies
- Green bidding issues for electricians

CONTINUING EDUCATION CREDITS

GPRO Electrical Systems qualifies for 10 AIA and GBCI CE Credits. See www.gpro.org/faqs for details.

FOR MORE INFORMATION, PLEASE CONTACT

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