



## **ESDW162 Design Documents**

The purpose of this course is to educate participants on documenting the design and installation process. This course teaches the importance of complete and accurate project documentation, common document types and terminology, as well as preparing and interpreting plans and drawings.

This course requires no prerequisite CEDIA courses, but there is the expectation that designers and installers have a working knowledge of and experience with line and schematic diagrams, architectural drawings and fundamental documentation procedures.

Upon completion of this course, participants should be able to:

- Communicate the importance and value of thorough documentation to all project stakeholders
- Define all common project documentation terminology including various construction and design terms/acronyms
- List, define, and prepare all appropriate project documents including bill of materials, sales invoice, change orders, purchase orders, RFIs and submittals
- Outline procedures for documenting special subcontractor issues including standards of work criteria
- Recognize and interpret all appropriate document plans, drawings and diagrams including floor plan blueprints, electrical schematics, point-to-point diagrams, line diagrams, elevation drawings, schematic diagrams and as-built drawings
- Prepare simple one-line drawings and annotate blueprints and elevations
- Integrate into their business the course content and take-home documents