

SIMPSON Strong-Tie®
Deck, Porch & Balcony Framing Connection Workshop-5 hours



- 8:30 Registration
- 9:00 Introduction-Outline of the Program
- 9:10 "Continuous Load Path" basics
- 9:20 Code Compliance Issues and Abuses
- 9:30 General Fastener Information (outdoor structures)
 - Nails, Bolts, Screws (Acceptable & Not Acceptable)
- 9:55 Deck Boards – various connection/attachment methods
- 10:10 Built-up Girders and Beams
- 10:15 Deck Ledger Connection
 - Wood-to-Wood connection – Lag screws, machine bolts
- 10:30 *- Break -*
- 10:45 Deck Ledger Connection
 - Wood-to-Wood connection – Proprietary wood screws
 - Wood-to-Concrete and Wood-to-CMU connections
- 11:05 Deck Lateral Load Connection
 - House Joist-to-Deck Joist and/or Joist-to-Ledger connection
 - Other options
- 11:15 Posts and Columns
 - Post-to-Footing-Code Requirements
 - Post Base Connection-Code Requirements
 - Post-to-Girder connection solutions
- 12:00 *- Lunch -*
- 1:00 Bearing Requirement for Joists
 - Ledger Strips (National Design Specification for Wood guidelines)
 - Hangers
- 1:30 Stair and Stringer Code Requirements
 - Individual Stair Treads
 - Stair Stringers requirements and solutions
- 1:45 Post-to-Guardrail Code Requirements – Testing and Solutions
- 2:15 *- Break -*
- 2:30 Code Requirements for Hardware for PPT Wood & Decks
 - Corrosion Considerations – SST Guidelines
- 3:05 Code Requirements – Safety of All Structures
- 3:30 Closing/Questions

**Deck & Porch
 Framing Connection
 Workshop – 2012**

For;
 Architects, Engineers,
 Building Inspectors,
 Builders, Contractors
 Deck Builders and
 Home Inspectors

Course Description: A detailed review of the structural code requirements for building an outdoor wood deck, based on the International Residential Code, International Building Code, and the AF&PA National Design Specification (NDS) for Wood Construction guidelines, followed by an overview of Simpson Strong-Tie products, developed to satisfy those requirements and do so at the lowest installed cost.

Education and Training Services

Simpson Strong-Tie® is approved as an Authorized Provider of continuing educational units by IACET (the International Association for Continuing Education and Training). In obtaining this approval, Simpson Strong-Tie® has demonstrated that it complies with the ANSI/IACET standards which are widely recognized as standards of good practice internationally in quality continuing education and training. As a result of their Authorized Provider membership status, Simpson Strong-Tie® is authorized to offer IACET CEU's for its programs that qualify under ANSI/IACET standards.

These programs make use of product demonstrations, samples and product literature, some of which may be proprietary. As educators, we think their inclusion is fundamental to increasing the learners' competency with respect to the structural aspect of connections, anchoring solutions, limitations and structural system dynamics. The products discussed in this program will be those from Simpson Strong-Tie, however, other products may meet these code requirements.

- You can receive 0.5 CEUs/5 PDH's for meeting the attendance requirements
 - 0.5 CEU's are equivalent to 5 contact hours. 10 contact hours = 1.0 CEU
 - 5.0 PDH's are equivalent to 5 contact hours. 10 contact hours = 10 PDH
- If you are seeking CEU's/PDH's, you must sign-out at the end of the workshop. Those that sign-out, will receive an e-mail with a link to the test.
- If your licensing board accepts Professional Development Hours (PDH's), there is NO need to click on the link to take the test.
 - This course will offer 5 PDH's to architects, engineers, designers, contractors, builders and building inspectors. You can download a certificate of attendance stating that you have earned 5 Professional Development Hours (5 contact hours) from the link you receive.
- For those seeking the CEU's, after passing the test, you will receive a confirmation e-mail with the 0.5 CEUs that you have earned. The e-mail will also include a link to take the workshop evaluation.
- For those that DO NOT sign out, you will receive an incomplete status e-mail stating that you did not meet one or more of the attendance requirements.