

American Wood Council

Learning Objectives for May 27, 2026, Training

Title: 2021 International Residential Code (IRC) Part 1 & 2

Description: This seminar provides an overview of the 2021 Significant Changes to the International *Residential Code*, including an in-depth examination of each code change.

Learning Objectives:

1. Identify the differences between the 2018 and the 2021 IRC
2. Explain new code concepts and their background
3. Summarize the application and impacts of these revisions
4. Note the enforcement issues of the revisions

Title: 2021 International Residential Deck Codes

Description: This presentation introduces basic design and construction methods for single-story residential wood decks focusing on significant changes to the 2021 International Residential Code (IRC).

The vertical and lateral load paths of conventional residential decks, as well as other general information about decks is also included. Specific design guidance includes convenient span tables for joists and beams and tables of post sizing limitations and connection methods.

Learning Objectives:

1. Identify vertical and lateral load paths of conventional residential decks
2. Identify minimum footing size and materials per IRC
3. Determine appropriate beams and joist span lengths using IRC provisions
4. Determine lateral connection options for the deck to existing dwelling based on IRC requirements