



Course Summary Sheet: Wall Bracing for Wind Design with 2015 IRC

Title	Wall Bracing for Wind Design with 2015 IRC
Delivery Mode(s)	Instructor-Led Workshop (1 hour)
Direct URLs to Content	Instructor-Led Workshop Materials (AIA-WBWD01) Instructor-Led Workshop Materials (ICC-WBWD01) *Note: The only difference between AIA and ICC instructor-led materials is found in the credit information at the beginning and end of the slide deck.
Course Description	This course was created to help familiarize structural engineers, designers, and architects with code-compliant wall bracing design techniques using the 2015 IRC.
Course Outline	• Lesson 1: Purpose of Wall Bracing • Lesson 2: Braced Wall Lines • Lesson 3: Wall Bracing Methods • Lesson 4: Wall Bracing Amounts and Locations • Lesson 5: Design Tools
Learning Objectives	Upon completion, participants should be able to: • Describe the types of forces resisted by wall bracing • Identify the three modes of failure addressed by wall bracing • List the three general steps for designing wall bracing • Summarize the definition and purpose of braced wall lines • List the three general rules for specifying the locations of braced wall lines in a structure • List the most common methods for constructing braced wall panels • Summarize the concept of contributing length of wall bracing • Determine bracing amounts required for a braced wall line using IRC Tables R602.10.3(1) and R602.10.3(2) • Specify the three rules for locating braced wall panels in each braced wall line • Summarize how to evaluate alternative bracing methods • Identify the types of bracing design tools available to building officials and designers
Subject Matter Expert(s)	Shane Vilasineekul, PE
Credit Information	Instructor-Led: Credits: 0.1 IACET CEUs, 1 LU/HSW, 0.1 ICC CEUs Course Code: AIA-WBWD01 or ICC-WBWD01 AIA Course #: AIA-WBWD0116 ICC Course #: 9655

If you would like to schedule a class, please contact your branch training administrator or the Home Office Training Department.