



Course Summary Sheet: Diaphragm Design with 2015 SDPWS

Title	Diaphragm Design with 2015 SDPWS
Delivery Mode(s)	Instructor-Led Workshop (1 hour) Online Course (1 hour)
Direct URLs to Content	Instructor-Led Workshop Materials (AIA-SDPWS1) Instructor-Led Workshop Materials (ICC-SDPWS1) Online course (ONL-SDPWS1) *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 diaphragm design techniques using the ANSI / AWC 2015 Special Design Provisions for Wind and Seismic (SDPWS).
Course Outline	<ul style="list-style-type: none"> • Lesson 1: Lateral Loads in a Wood-Frame Structure • Lesson 2: Code and Standard Provisions • Lesson 3: Diaphragm Behavior and Analysis • Lesson 4: Distribution of Diaphragm Forces • Lesson 5: Blocked vs. Unblocked Diaphragms
Learning Objectives	Upon completion, participants should be able to: <ul style="list-style-type: none"> • Explain how lateral loads are transferred throughout a wood-frame structure • Identify the code and standard provisions in the 2015 SDPWS for the design of diaphragms • Determine when a diaphragm may be classified as rigid, flexible, or semi-rigid for analysis purposes • Explain how forces are distributed to different elements within the diaphragm • Describe the differences between blocked and unblocked diaphragms
Subject Matter Expert(s)	Keith Cullum, PE
Credit Information	Instructor-Led: Credits: 0.1 IACET CEUs, 1 LU/HSW, 0.1 ICC CEU Course Code: AIA-SDPWS1 or ICC-SDPWS1 AIA Course #: AIA-SDPWS116 ICC Course #: 8302 Online: Credits: 0.1 IACET CEUs, 1 LU/HSW, 0.1 ICC CEU Course Code: ONL-SDPWS1 AIA Course #: ONL-SDPWS116 ICC Course #: 8303

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