



Course Summary Sheet: Boring and Notching in Wood-Frame Construction

Title	Boring and Notching in Wood-Frame Construction
Delivery Mode(s)	Instructor-Led Workshop (1 hour)
Direct URLs to Content	Instructor-Led Workshop Materials (AIA-BNWC01) Instructor-Led Workshop Materials (ICC-BNWC01) *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 building inspectors, contractors and specifiers with code-compliant protection and structural repair techniques for utility penetrations in structural wood members using the International Residential Code and International Building Code.
Course Outline	• Lesson 1: Plumbing and Mechanical • Lesson 2: Heating, Ventilation and Air Conditioning (HVAC) • Lesson 3: Electrical Wiring
Learning Objectives	Upon completion, participants should be able to: • Identify the size and location of allowable penetrations in wood members for plumbing and mechanical utilities in accordance with the IRC and IBC • Summarize the required repairs of notched or bored wood members that have exceeded the limitations for plumbing and mechanical applications • Summarize the required protections for piping in notched or bored wood members that have exceeded the limitations for plumbing and mechanical applications • Identify the size and location of allowable penetrations in wood members for heating, ventilation and air conditioning in accordance with the IRC and IBC • Summarize the required repairs of cut or notched wood members that have exceeded the limitations for heating, ventilation and air conditioning applications • Identify the size and location of allowable penetrations in wood members for electrical wiring in accordance with the IRC and NEC • Summarize the required protections for wiring in bored wood members that have exceeded the limitations for electrical applications
Subject Matter Expert(s)	Jim Mailey
Credit Information	Instructor-Led: Credits: 0.1 IACET CEUs, 1 LU/HSW, 0.1 ICC CEUs Course Code: AIA-BNWC01 or ICC-BNWC01 AIA Course #: AIA-BNWC0117 ICC Course #: 13899

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