



Course Summary Sheet: Buildings and Homes in Flood Hazard Areas

Title	Buildings and Homes in Flood Hazard Areas: Connections at or below Design Flood Elevations
Delivery Mode(s)	Instructor-Led Workshop (1 hour)
Direct URLs to Content	Instructor-Led Workshop Materials (AIA-FLOOD1) Instructor-Led Workshop Materials (ICC-FLOOD1) *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	Flooding is an increasingly frequent and costly danger, and flood-prone areas are expanding in the US as storms worsen, floodplains expand, and sea levels rise. As a result, many homes and buildings that were poorly built, were built without flood-resistant construction, or were inappropriately detailed have been swept away, demolished, or significantly damaged. This course begins with an overview of flood requirements and then explores the concepts and details of flood-resistant construction, provides detailed advice on how anchors, fasteners, and connectors can be used to create flood-resistant buildings, and records the relevant terminology, codes, and standards that should be used when consulting experts and authorities and designing flood-resistant buildings.
Course Outline	<ul style="list-style-type: none">• Introduction and Terminology• General Flood Requirements• Flood Elevation Considerations• Raise Foundations and Connections• Solid Foundations and Connections
Learning Objectives	Upon completion, participants should be able to: <ul style="list-style-type: none">• Specify and detail the appropriate approach to flood-resistant construction in any context• Choose and locate the correct anchors, fasteners, and connectors when designing flood-resistant structures• Design safe structures that are connected and anchored to resist flotation, collapse, or permanent lateral movement during flood events, and• Communicate effectively and accurately with flood construction experts and authorities by using the correct terminology
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-FLOOD1 or ICC-FLOOD1 AIA Course #: AIA-FLOOD121 ICC Course #: 27870

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