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AIA-CES: 1 HSW LU (1 Hour) | Course: ICF-101.1

INSULATING CONCRETE FORMS FOR MULTIFAMILY RESIDENTIAL CONSTRUCTION

To arrange for a course at your office contact: Brett Ruffing, BRuffing@nrmca.org or (240) 485-1138.

COURSE DESCRIPTION

This presentation provides guidance for architects, engineers and builders on how to design and build high performance reinforced concrete multifamily residential buildings using Insulating Concrete Forms (ICFs). Combining the strength and durability of reinforced concrete with the versatility of highly engineered rigid insulation, ICFs provide ideal solutions for apartments, condos, hotels, dormitories and assisted living facilities. ICFs offer fire resistance and noise reduction qualities, important features when designing multifamily residential buildings They are also remarkably cost effective as the thermal properties of ICFs can offer building owners significant energy savings over the long term. The presentation will also provide guidance on how to minimize the cost of ICF concrete construction to take full advantage of these benefits, resulting in investments that are secure and generate long-term value to building owners.

WHO SHOULD ATTEND:

- Architects
- Engineers
- Contractors
- Developers
- Building Owners

LEARNING OBJECTIVES:

- Understand the basic design criteria and construction elements of concrete buildings built with Insulating Concrete Forms (ICFs) for multifamily residential projects
- Demonstrate the economic benefits of building multifamily projects with ICFs
- Recognize the energy efficiency characteristics of ICF for multifamily construction
- Understand the contribution concrete makes to a building's resilience to natural disasters, including fire, flood, wind and earthquakes

NRMCA NATIONAL READY MIXED CONCRETE ASSOCIATION

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