

INSULATING CONCRETE FORMS FOR COMMERCIAL CONSTRUCTION

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

COURSE DESCRIPTION

Insulating Concrete Forms (ICFs) combine the strength and durability of reinforced concrete with the versatility and energy efficiency of rigid insulation. With a lower first cost than wood and steel construction, ICFs improves occupant safety, fire resistance and noise transmission for office, hospital, school and retail buildings, among others. ICFs 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 construction to take full advantage of the range of benefits, resulting in investments that are secure and generate long-term value.

WHO SHOULD ATTEND:

- Architects
- Engineers
- Contractors
- Developers
- Building Owners

LEARNING OBJECTIVES:

- Understand the basic design criteria and construction elements of commercial and institutional buildings built with Insulating Concrete Forms (ICFs)
- Demonstrate and recognize the energy efficiency characteristics and economic benefits of building with ICFs
- Understand the contribution concrete makes to a building's resilience to natural disasters, including fire, flood, wind and earthquakes
- Identify ways that ICF concrete construction can contribute efficiencies to the on-site construction phase of the project and to long-term efficiencies during the operational phase.