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the City of Newport Beach

## **COLD FORMED STEEL FRAMING STANDARDS**

*Instructor: Roger LaBoube, Ph.D., P.E.*

Cold-formed steel is frequently used in low-rise and mid-rise construction for load bearing or curtain wall construction. To facilitate more economical designs, the American Iron and Steel Institute's Committee on Framing Standards has developed the North American Standards for Cold-Formed Steel Framing which have been adopted by the 2015 IBC.

- The presentation will provide an overview of the American Iron and Steel Institute cold-formed steel framing standards for both structural and nonstructural member applications. These North American standards address such applications as cold-formed steel wall assemblies, floor assemblies, roof assemblies, and lateral assemblies. The standards focus on both design and installation requirements for cold-formed steel assemblies. Both curtain wall and axial load-bearing structural assemblies will be considered with numerical examples.
- The presentation will also briefly discuss future trends in the design standards looking forward to the 2018 IBC.



**DATE:** Tuesday, January 31, 2017

**TIME:** 12:30 p.m. – 4:30 p.m.

**LOCATION:**

City of Newport Beach  
Civic Center Community Room  
100 Civic Center Drive  
Newport Beach, CA 92660

**RSVP:**

Email Debi Schank at  
[dschank@newportbeachca.gov](mailto:dschank@newportbeachca.gov)  
with names of attendees

Participants will accrue **0.4 ICC Preferred Provider CEUs**

**Dr. Roger A. LaBoube** is Curator's Distinguished Teaching Professor Emeritus of Civil Engineering and Director of the Wei-Wen Yu Center for Cold-Formed Steel Structures at the Missouri University of Science & Technology (formerly University of Missouri-Rolla). Dr. LaBoube holds B.S., M.S., and Ph.D. degrees in Civil Engineering from the University of Missouri-Rolla. Dr. LaBoube has an extensive background in the design and behavior of cold-formed steel structures. His research and design activities have touched on many facets of cold-formed steel construction to include: cold-formed steel beams, panels, trusses, headers, wall studs as well as bolt, weld, and screw connections. Dr. LaBoube is active in several professional organizations and societies, including membership on the American Iron and Steel Institute's Committee on Specifications for the *North American Specification for the Design of Cold-Formed Steel Structural Members* and chairperson of the AISI Committee on Framing Standards.