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# MABOI FALL CONFERENCE EDUCATIONAL SCHEDULE

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Thursday 12 pm – 4 pm

Inspector Skills - Stephen L. Thomas

This class will provide inspectors with the non-technical knowledge and soft skills for communicating with others to obtain compliance with applicable code requirements. The discussion will include professional appearances, communications and customer service. Legal aspects of the code enforcement will be discussed as well as ethics in government. Class discussions and case studies will be reviewed to support the skills learned in this session.

Friday Full Day

IRC Plan Review to Field Inspections Day 1 of 2 - Russell  
Thornburg

A moderately-paced course that provides an in-depth view of the IRC, chapters 1 - 10 & 44 dealing with many facets and issues. Catch major and minor code items that will help improve the plan review to field inspections processes. Administration rules, definitions, fire and life safety aspects, soil conditions & excavation, footing size and strength, placement of concrete, slab-on-grade, reinforcing steel, anchorage, retaining walls, light conventional wood-frame construction, load paths, notching and boring, girders and headers, connections and brace walls, and roofing provisions of rafters and roof truss will be covered. This course is applicable to all aspects of the design/construction/regulatory community, including contractors and design professionals.

## Commercial Building Inspections Day 1 of 2 - Stephen L. Thomas

This full-day class is designed for residential inspectors that are moving into the area of commercial inspections. The class will briefly discuss the preparation and tools needed to conduct an inspection and the interaction between the inspector and contractor. The majority of the class will focus on the technique and technical aspects of commercial building inspections. Subjects discussed in the class will include foundations, wood framing, light-gauge steel framing, fire-resistive rated construction, means of egress and accessibility.

## Saturday Full Day

### IRC Plan Review to Field Inspections Day 2 of 2- Russell Thornburg

A moderately-paced course that provides an in-depth view of the IRC, chapters 1 - 10 & 44 dealing with many facets and issues. Catch major and minor code items that will help improve the plan review to field inspections processes. Administration rules, definitions, fire and life safety aspects, soil conditions & excavation, footing size and strength, placement of concrete, slab-on-grade, reinforcing steel, anchorage, retaining walls, light conventional wood-frame construction, load paths, notching and boring, girders and headers, connections and brace walls, and roofing provisions of rafters and roof truss will be covered. This course is applicable to all aspects of the design/construction/regulatory community, including contractors and design professionals.

### Commercial Plan Review Day 2 of 2- Stephen L. Thomas

Explains the process of conducting a plan review for small/medium sized commercial projects. It will cover the Building, Plumbing, Mechanical and Electrical requirements for commercial projects. The first day will focus on the building code portion of reviews based on the International Building Code. The Second day will focus on the plumbing, mechanical and electrical portion of the review. The class will provide students with formats, process, and understanding of how to conduct a commercial plan review.

# Instructor Biographies

## Russell Thornburg

With over 31 years of experience, Russell Thornburg brings to the classroom first-hand knowledge of many aspects of the building industry from the basics of home ownership, to general contracting, to field inspection and plans examiner. For more than twenty years, he was self-employed as a licensed general contractor and has over 17 years of experience working for municipalities in the state of Minnesota and Kansas. During this time, he began teaching Building Inspection Technology programs for Minnesota State Colleges and Universities, as well as Continuing Education Seminars from around the country and ICC chapters. After a short stint serving as Program Manager for Johnson County Contractor Licensing of KS he has returned to Texas and now writes and develops code seminars and presents these programs for various organizations, including municipalities, institutes, ICC chapters, Home Builders Associations, and industries throughout the United States.

## STEPHEN L. THOMAS, CBO

### President, Colorado Code Consulting, LLC

Mr. Thomas has nearly forty years of experience in working with building codes including plan reviews, inspections, and administration. His firm provides building code consulting services for governmental agencies and architectural firms, as well as educational seminars on building codes. Starting a building code-consulting firm in 1999, he has served as the contract Building Official for several local jurisdictions in Colorado. Mr. Thomas has also served on several ICBO and ICC committees including the ICC Means of Egress Code Development Committee. He currently serves on the ICC Codes & Standards Committee. He is also the author of the book, Building Code Basics, based on the 2009 & 2012 IBC, and Building Code Essentials based on the 2015 and 2018 IBC, all available from ICC. He has presented building code classes for the last 35 years and provides an interesting and engaging look at building codes.