

Who should attend?

This is a PowerPoint presentation designed for builders, architects and building inspectors alike. And let's not forget the framers. These are the people who have to put these buildings together every day, and do it to meet code. Virtually anyone in the design, building trades or inspection field can benefit from this seminar.



Put yourself in this picture.

Registration Form

Name: _____

Address: _____

City: _____

State: _____ Zip: _____

Company: _____

Phone No.: _____

E-mail: _____

Return completed form to: Todd Johnson
City of Joplin
602 S. Main St.
Joplin, MO. 64801



TimberTek Consulting &
CITY OF JOPLIN
Present

Registration Deadline:

November 2nd, 2009

Registration fee: **\$50.00**

**Includes: Continental
Breakfast & Butchers
Block Famous BBQ
Lunch.**

Payable to: City of Joplin

David Utterback
11733 Woodward
Overland Park, KS 66210

Phone: 913-645-4081

Fax: 913-339-9128

e-mail: dave_utterback@yahoo.com

TimberTek
Consulting &
CITY OF JOPLIN
Present



*Wood Frame
Construction
and the IRC*

November 18, 2009

8:00 AM—5:00 PM

Butchers Block Banquet
Center
499 W. Fountain Rd.
Joplin, MO. 64801.

Contact: Todd Johnson

417-624-0820 ext522

Wood Frame Construction and the IRC

Full Day Seminar

Wood Frame Construction and the IRC is an all day seminar that covers all of the wood framing requirements in the 2006 International Residential



Code. It starts with design and loading requirements and then goes into sill plates and takes the audience through floors constructed from solid sawn lumber, wood I-joists, and parallel chord trusses. The program then moves into wall framing

with an in-depth look at braced wall lines and braced wall panels. Finally, the program concludes with roof/ceiling framing, including rafters, hip and valley framing, and roof trusses and all the related code sections. The program shows the participants field pictures of actual construction details that relate to the code sections being discussed. This is an intensive program that covers everything related to wood framing.

Program Outline

The full day program starts with some basic design aspects that everyone needs to understand and then takes the viewer from sill plates through floor framing and wall framing with a special in-depth look at wall bracing and wraps up with roof framing, including rafters and trusses. Some specific areas covered are:

Floor Framing

- Material selection
- Solid sawn joists wood-I joists and parallel chord trusses
- Cantilevers
- Notching and boring joists
- Framing around openings
- Proper use and nailing of joist hangers
- Proper construction of stairs
- Use and support of various beams

Wall Framing

- Wall framing up to 10' and over 10' high
- Notching and boring studs
- Headers
- Fire blocking requirements
- Braced wall lines and braced wall panels



- Holddowns
- Alternate wall bracing
- How to construct braced wall panels that are only 16" wide without holddowns
- Roof/Ceiling Framing
- Ceiling joists and rafters
- Hip and valley rafters
- Rafter design
- Cathedral ceilings
- Roof trusses

Seminar Information:

Date: November 18, 2009

Time 8AM-5PM

**Location: Butchers Block Banquet Center
499 W. Fountain Rd.
Joplin, MO 64801**



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Sponsor information:

Todd Johnson

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