



## 2-Day Basic Blueprint Reading & Material Take-Off Course

In Conjunction with  
**BMSA's Building Products Show**  
February 2-3, 2016 \* 8:00 AM – 4:30 PM  
Hickory, NC



### Please Register the Following People:

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This workshop will consist of two full days of instruction and discussion of residential construction methods, blueprint reading and material take-off. Attendees will receive hands-on experience figuring an actual set of working drawings.

Designed for contractor sales personnel, inside sales support and others required to understand the fundamentals of new home construction and calculating quantities.

Attendees will learn basic blueprint reading by identifying lines, symbols and details while developing an understanding of elevations, floor plans, framing and sectional views. Instruction in utilizing architectural and layout scales will also be included.

Participants will be introduced to various residential construction methods and estimating formulas while working on a basic single level home with a trussed gable roof. Rough framing including floor, wall and roof, insulation, wallboard, roofing, siding and deck construction will be covered.

#### Topics Covered:

- Basic blue print reading
- Understanding elevations, floor plans, details & symbols
- Using an architectural scale
- Introduction to estimating formulas
- Floor layout
- Wall framing
- Siding
- Sheetrock & Insulation
- Deck Construction

#### Instructor:

Casey Voorhees has over 35 years of experience in the building material industry. He has been teaching this class around the country for over 20 years.

*Note: Course cost includes a material fee of \$55 for a manual, set of blueprints, architectural scale and a joist/truss layout scale. Students need to bring a portable calculator, pencils and paper.*

*Make your plans to also join us Thursday morning (Feb. 4) for BMSA's Building Products Show directly across from the hotel at the Hickory Metro Convention Center where you'll see all the latest in products and services for the building industry!!*

### SEMINAR DATE, TIME & LOCATION:

**February 2-3, 2016 – Hickory, NC**

**Location of Seminar:** Courtyard by Marriott, 1946 13<sup>th</sup> Avenue Drive SE, Hickory, NC

**Class:** February 2 – 8:00 AM – 4:30 PM  
February 3 – 8:00 AM – 4:30 PM

**Tuition - BMSA members:** \$455 for first employee from Company  
\$425 for each additional employee

**Nonmember Tuition:** \$655 each employee of nonmember company

*Tuition includes seminar instruction and all handout materials. Transportation, meals, lodging & incidental expenses are not included.*

**Lodging:** Courtyard by Marriott; 1946 13<sup>th</sup> Avenue Drive SE, Hickory, NC 28602  
828.267.2100; Room Rate: \$129. Be sure to tell the hotel you are part of the Building Material Suppliers Association group for this special rate.

#### Company Information (please print)

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Company Name

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Contact Name

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Address

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City/State/Zip

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Telephone

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Fax

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E-mail

**To register please complete & fax to: 704.331.9663 or email to: janeg@mybmsa.org**

**Questions? Phone: 800.966.4202**

#### Payment Options:

- Check Enclosed
- VISA
- AMEX
- MasterCard
- Bill Us (Members Only)

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Card #

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Name on Card

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Card Holder Billing Address & Zip Code

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Security # \_\_\_\_\_ Exp. Date: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

**Checks should be sent to BMSA at: PO Box 18667, Charlotte, NC 28218**

**Cancellation Policy:** Any cancellation must be received 20 business days prior to the seminar. After noon on **January 5, 2016** charges are due regardless of attendance. Substitutions may be made at any time.