



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

In Conjunction With

### BMSA's Building Products Show

January 31 – February 1, 2017 \* 8:00 AM – 4:30 PM  
Hickory, NC

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 for a manual, set of blueprints, architectural scale and a joist/truss layout scale. Students need to bring a portable calculator, pencils and paper.*

**Note: Make your plans to also join us Thursday morning (Feb. 2) 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:

**Tuesday, January 31 – Wednesday, February 1, 2017**  
**Hickory, NC**

**Class:** January 31 – 8:00 AM – 4:30 PM  
February 1 – 8:00 AM – 4:30 PM

**Tuition - BMSA members:** \$505 for first employee from company  
\$480 for each additional employee

**Nonmember Tuition:** \$825 each employee of nonmember company

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

**Lodging:** Detailed information will be sent with your confirmation.



### Please Register the Following People:

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#### Company Information (please print)

Company Name

Contact Name

Address

City/State/Zip

Telephone

Fax

E-mail

**To register please complete &  
fax to: 980.339.3994  
980.339.3994 or email to:  
janeg@mybmsa.org**

**Questions? Phone: 800.849.1503**

#### Payment Options:

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| <input type="checkbox"/> Check Enclosed | <input type="checkbox"/> MasterCard             |
| <input type="checkbox"/> VISA           | <input type="checkbox"/> Bill Us (Members Only) |
| <input type="checkbox"/> AMEX           |   |

Card #

Name on Card

Card Holder Billing Address & Zip Code

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

**Mail checks to BMSA at: 3029 Senna  
Drive, Matthews, NC 28105**

**Cancellation Policy:** Any cancellation must be received 20 business days prior to the seminar. After noon on **January 3, 2017**, charges are due regardless of attendance. Substitutions may be made at any time.