

# Introduction to BuildersCAD Materials using BCAD Materials Express

## Course Outline\*

*\*This course is taught using default BuildersCAD Materials set-ups. All of our classes are taught via a secured Internet connection (using eBLVD.com), and work is done on/saved on the user's PC. All classes are recorded as .avi files (movies) and made available to the user to review and save on disc. (Building a training library is encouraged.) This is a 3-hour course; each class lasts approximately 1 hour.*

### Preparation for course:

Prior to your first class, review the following sections of the BuildersCAD Users Guide (30 pages total) that we will provide to you in PDF format:

- Chapter 2: "Introducing Materials"
- Chapter 3: "Materials: The Big Picture"
- Chapter 4: "Materials Setup"

### Class 1

- Set user to default BuildersCAD materials setups and wall framing project;
- Copy over training database (matlstrn.db), udlines.ri library and training version of styles.dir;
- Add user-defined line for 12" closet shelf in the Materials Application;
- Set Waste Code to numerical values;
- Overview of BuildersCAD Materials;
- Model geometry recognized by BuildersCAD;
- Use of the Quantity Estimate Template for generic takeoffs;
- Export default Stock, Estimating Formulas and Templates to BCAD Materials Express.

### Class 2

- Input materials-training Stock Items in BCAD Materials Express;
- Enter materials-training Estimating Formulas in BCAD Materials Express;
- Build Templates using materials-training Estimating Formulas in BCAD Materials Express.

### Homework

- Enter assigned Stock items;
- Enter assigned Estimating Formulas;
- Build assigned Templates;
- Review Chapter 7: "Reporting Materials".

#### **BCAD Services**

*Training, support & sales for BuildersCAD*

*Also: CAD services, construction estimating & rendering*

*145 River Bend Drive; Carlton, GA*

**706-797-3324, [support@bcadservices.com](mailto:support@bcadservices.com)**

*Part of New Southern Homes Builders, LLC*

### **Class 3**

- Apply Templates, created in class, to the matlstrn.db database and generate a Materials Report;
- Edit Markers where appropriate;
- Export the Materials Report to BCAD Materials Express;
- Apply homework Templates to the matlstrn.db database and generate a Materials Report;
- Export the Materials Report to BCAD Materials Express;
- Review;
- Questions and Answers.

###

#### **BCAD Services**

*Training, support & sales for BuildersCAD*

*Also: CAD services, construction estimating & rendering*

145 River Bend Drive; Carlton, GA

**706-797-3324, [support@bcadservices.com](mailto:support@bcadservices.com)**

*Part of New Southern Homes Builders, LLC*