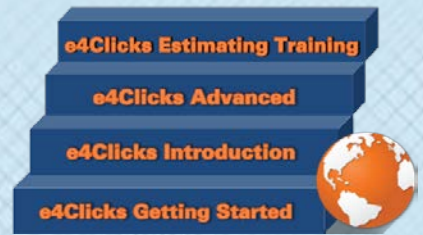


Architectural Estimating - Intermediate

Join the 4Clicks team to take your estimating skills to the next level! Dig into the depth of your cost data and confidently produce line item estimates.



www.4Clicks.com/training

Owners, Contractors, and AE's:

This training is for every e4Clicks user! This is an opportunity to hone and perfect your estimating skills. Join us for a two-day course as we guide you through the process of architectural estimation using e4Clicks Projects Estimator. You will walk away from this class confident in your estimating skills!

In previous training classes, we focused on learning e4Clicks. Now we want to give you the other half of the equation and expand your estimating knowledge!

This class explores the details of the major architectural components you will commonly need to estimate. We will reinforce each lesson with hands-on exercises.

You will:

- Gain deeper understanding of building systems, components, and construction
- Generate "punch-list" and auditable estimates that are correct and complete
- Produce your own accurate estimates without relying solely on or waiting for sub-contractors' estimates
- Create template estimates for quick and accurate estimating in the future

Join your peers, and gain incredible understanding and practical experience with hands-on exercises. Plus, you'll receive our training manual to take home for future reference.

The cost of attending our 2-day Intermediate course is \$940.00 per attendee. Please remember you must have a computer to attend. Registrants without a laptop can rent one for \$150.00 each. A training version of e4Clicks will be provided. Attendees will be using e4Clicks, and a basic working knowledge of the program is required.

Classes can fill up quickly. Visit our website or [click here](#) to register today!

Bruce Sarty
Director of Training
951.679.3887
info@4Clicks.com

The following divisions will be covered:

- 01 – General Requirements
- 02 – Existing Conditions
- 03 – Concrete
- 05 – Metals
- 06 – Wood, Plastics, and Composites
- 07 – Thermal and Moisture Protection
- 08 – Openings
- 09 – Finishes
- 10 – Specialties
- 12 – Furnishings

But don't take our word for it ...

"The class was hot diggity – Instructor was lively and great class interaction. Thank you. Very useful tool..."

- USAF, Program Manager

"Overall, the course was great. The product performed perfectly and Bruce's knowledge of said product was stellar. He answered every question that was asked and he knew what he was doing with the software."

- Team Integrated Engineering

"All around loved the class. Bruce had a great attitude with a great balance of interests from contractor to owner. Overall thanks so much for your help, I found GREAT value in the class and material covered. The binder is perfect for when I only pick up 4Clicks once a month or everyday."

- USAF, Project Manager

 **Register For Training**



4Clicks
By Estimators For Estimators™
SERVING THE DOD SINCE 2001



© Copyright 2017
4Clicks Solutions, LLC
www.4Clicks.com
info@4Clicks.com



Receive CEU Credits -
4Clicks is a Certified AACEI
Education Partner

Architectural Estimating Class Schedule (Two-Day Course)

Day 1: Cost Estimating and Divisions 01 – 06

Start Time	End Time	Topic	Outline
8:00 AM	8:15 AM	Conference Introduction	Welcome, Introductions, Schedule, Objectives, Website, Social Media, Sign up for Newsletter, Spotlights, Survey
8:15 AM	8:50 AM	Evolution to Estimating, Types of Estimates, MasterFormat and UniFormat	Discuss the Evolution of Estimating – from Paper to Spreadsheets to Cost Estimating Programs, Explore different types of Estimates, Time vs accuracy, Discuss two major Estimate Formats: MasterFormat and UniFormat II
9:00 AM	9:50 AM	Cost Books, References, and City Cost Index	Introduce Cost Data Books, References, General Information, References & Tips, City Cost Indexes
10:00 AM	10:30 AM	Unit Cost Pricing and Estimate Format, Quantity Takeoff	Unit Cost Pricing – 80,000 vs. 400,000 Line Items, Breakdown and Discuss a Line Item, Discuss MasterFormat and UniFormat II, Discuss Quantity Takeoff – Manual vs Electronic
10:30 AM	10:50 AM	Organizing an Estimate	Discuss different techniques on how to Organize an Estimate
11:00 AM	11:20 AM	Class Exercise #1 – Organizing Estimates (B-2)	Create Projects and Estimate, Re-name Estimates, Augment Estimate, Paste Estimates from “Default Estimates”
11:20 AM	11:30 AM	Class Exercise – Solution	Class Exercise – Solution
11:30 AM	12:00 PM	Division 01 Gen Requirements & 02 Existing Conditions	Introduce Division 01 General Requirements & Division 02 Existing Conditions and discuss how these line items may be used in an Estimate
12:00 PM	1:00 PM	Lunch	
1:00 PM	1:20 PM	Division 01 Gen Requirements & 02 Existing Conditions	Continued - Introduce Division 01 General Requirements & Division 02 Existing Conditions; discuss how these line items may be used in an Estimate
1:20 PM	1:50 PM	Class Exercise #2 – Division 01 & 02 (B-3)	Using the line items in the exercise, build a Division 01 Template Estimate
2:00 PM	2:15 PM	Class Exercise – Solution	Class Exercise – Solution
2:15 PM	4:00 PM	Divisions 03 Concrete, 05 Metals, and Division 06 Woods and Plastics	Introduce Division 03 Concrete, Division 05 Metals, and Division 06 Woods & Plastics and discuss how these Line Items may be used in an Estimate

Day 2: Exercises and Divisions 07 – 12

Start Time	End Time	Topic	Outline
8:00 AM	8:35 AM	Class Exercise #3 – Divisions 03 Concrete, 05 Metals, and Division 06 Woods and Plastics (B-4)	Using the line items in the exercise, complete the estimates using Divisions 03, 05, and 06
8:35 AM	8:50 AM	Class Exercise – Solution	Class Exercise – Solution
9:00 AM	9:30 AM	Division 07 Thermal and Moisture Protection	Introduce Division 07 and discuss how these Line Items may be used in an Estimate
9:30 AM	10:20 AM	Division 08 Openings	Introduce Division 08 and discuss how these Line Items may be used in an Estimate
10:20 AM	10:50 AM	Class Exercise #4 – Division 07 Thermal and Moisture Protection and Division 08 Openings (B-6)	Review the line items and complete the estimates using Divisions 07 and 08
11:00 AM	11:20 AM	Class Exercise – Solution	Class Exercise – Solution
11:20 AM	12:00 PM	Division 09 Finishes	Introduce Division 09 and discuss how these Line Items may be used in an Estimate
12:00 PM	1:00 PM	Lunch	
1:00 PM	1:50 PM	Division 09 Finishes	Introduce Division 09 and discuss how these Line Items may be used in an Estimate
2:00 PM	2:20 PM	Division 10 Specialties & 12 Furnishing	Introduce Divisions 10 and 12 and how these Line Items may be used in an Estimate
2:20 PM	3:30 PM	Class Exercise #5 – Provide Pre-Engineered Building (B-8)	Read the SOW, Using multiple Divisions Complete Estimates
3:30 PM	3:45 PM	Class Exercise – Solution	Class Exercise – Solution
3:45 PM	4:00 PM	Q&A and Review	Q&A, Review, Follow-on Classes (insert), Website, Sign up for Newsletter, Spotlights, Survey