

Sponsored



# Estimating Academy 2010



## Trade Specific Classes offered:

- Excavation
- Steel Fabrication & Erection
- Drywall & Acoustical
- HVAC
- Masonry
- Carpentry
- LEED
- Plumbing & Piping
- Concrete
- Storefronts, Glass & Glazing
- Electrical

The Western Michigan Chapter of the American Society of Professional Estimators is pleased to present Estimating Academy – 2010. The Academy is a unique opportunity to provide a local, in depth, educational experience for entry level estimators learning their trade, experienced estimators seeking to improve their skills, and project managers, supervisors, architects, or engineers desiring crossover training in estimating.

The classes are all taught by respected members of our estimating community. The Academy is designed to provide broad-based instruction in general and trade specific estimating practices. After six weeks, you will have the skills to:

- Review bid documents for cost and overhead items.
- Develop a Bid Scope of Work.
- Identify work operations and locations.
- Complete a quantity takeoff.
- List components that make up a unit cost.
- Understand and calculate production rates and crew outputs.
- Calculate unit costs for work operations.
- Understand and calculate bond and insurance costs.
- Put it all together on Bid Day.

The Estimating Academy will consist of six classes, held on consecutive Tuesdays, from 3:00 PM to 7:00 PM starting January 12 through February 16, 2010, at the Kent Career Technical Center on the East Beltline. Cost of the Academy is \$200 per person. Early bird registration \$175.00 by Nov. 15th

For more information or additional registration forms please contact:

- ☎ Mike Alsgaard - Fishbeck, Thompson, Carr & Huber, Inc. – 616-575-3824
- ☎ Elizabeth Austhof – Builders Exchange – 616-949-8650
- ☎ ASPE Web Site – <http://www.aspemich.org>



## Our Mission:

The American Society of Professional Estimators serves construction estimators by providing education, fellowship and opportunity for professional development.

American Society of Professional Estimators  
Western Michigan Chapter 70

4461 Cascade Road, SE  
Grand Rapids, Michigan 49546

Phone: 616-949-8650  
Fax: 616-949-6831



**Class size will  
be limited so  
register early!**

## Course Outline

Each participant will receive a two-volume text, including coverage of general estimating topics and all thirteen construction trade topics, a copy of the AIA A-201 General Conditions, and a Certificate of Completion.

### Session 1 – January 12, 2010

Bid Documents and General Conditions and how they affect project costs.

### Session 2 – January 19, 2010

Productivity and the development of labor unit prices.

### Session 3 – January 26, 2010

This session allows each participant to select one of the following four disciplines:

- ◆ Concrete
- ◆ Storefronts, Glass & Glazing
- ◆ Electrical
- ◆ Masonry

### Session 4 – February 2, 2010

This session allows each participant to select one of the following four disciplines:

- ◆ Carpentry
- ◆ LEED General Estimating #1
- ◆ Plumbing & Piping
- ◆ Excavation

### Session 5 – February 9, 2010

This session allows each participant to select one of the following five disciplines:

- ◆ Steel Fabrication & Erection
- ◆ Drywall & Acoustical
- ◆ LEED General Estimating #2
- ◆ HVAC & Sheet Metal

### Session 6 – February 16, 2010

This session will tie all the program together, covering such topics as Bid Solicitation, Developing Bid Scopes, and Bid Day Issues.

All classes will meet from 3:00 PM until 7:00 PM at the:

Kent ISD Career/Technical Center  
1655 E. Beltline, N.E.  
Grand Rapids, Michigan

## Estimating Academy Registration

Name \_\_\_\_\_

Position \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone \_\_\_\_\_ / Fax \_\_\_\_\_

**1st Choice**

**Alternate**

**Choose 1 Trade Specific class and 1 alternate for each session.**

### Session 3

|   |  |  |
|---|--|--|
| <b>Concrete</b>                         |  |  |
| <b>Storefronts, Glass &amp; Glazing</b> |  |  |
| <b>Electrical</b>                       |  |  |
| <b>Masonry</b>                          |  |  |

### Session 4

|                                   |  |  |
|-----------------------------------|--|--|
| <b>Carpentry</b>                  |  |  |
| <b>LEED General Estimating #1</b> |  |  |
| <b>Plumbing &amp; Piping</b>      |  |  |
| <b>Excavation</b>                 |  |  |

### Session 5

|   |  |  |
|---|--|--|
| <b>Steel Fabrication &amp; Erection</b> |  |  |
| <b>Drywall &amp; Acoustical</b>         |  |  |
| <b>LEED General Estimating #2</b>       |  |  |
| <b>HVAC &amp; Sheet Metal</b>           |  |  |

Mail this completed registration form with your check for \$200 to:

**ASPE Chapter #70**  
**c/o Elizabeth Austhof**  
**4461 Cascade Road, SE**  
**Grand Rapids, Michigan 49546**



Registration Deadline is January 5, 2010.

Early bird registration \$175.00 by **Nov. 15th**