

The National Electrical Contractors Association
& the Oregon-Columbia Chapter, NECA, Present:

Basic Estimating of Electrical Construction

Monday, July 22, 2019 - Thursday, July 25, 2019, 8:00 a.m. to 4:00 p.m.

Oregon-Columbia Chapter, 601 NE Everett St, Portland, OR 97232

\$990 per-person for Chapter Members

Small mistakes in an estimate can have a huge impact on your bid's bottom line and this course provides the tools needed to be both comprehensive and competitive. This course will discuss the process for assembling an estimate including: developing material lists, applying labor unit data, material takeoff and application of direct job costs, overhead, and profit.

Following this class, participants will be able to:

- List types of mistakes found when estimating electrical construction projects and how to avoid them
- Describe the parts of an estimate
- Explain the importance of establishing the true cost for a project
- Develop an estimate to provide job management information
- Discuss how labor units can be used to competitively bid projects
- Explain the difference between a competitive bid and simply a low bid

This course will be facilitated by Bob Mooty.

Send in Registration using a check:

Name _____ Job Title _____

NECA Member Number _____ NECA Chapter Affiliation _____

Company _____ Street Address _____

City _____ State _____ Zip _____

Telephone _____ Email _____

***Required for online course registration**

Enclosed is my check for \$ _____

Please make check payable to the Oregon-Columbia Chapter and mail to: 601 NE Everett, Portland, Oregon 97232

Questions? Call Kelli at 503-233-5787 or email kelli@orecolneca.org

- Use Ed Funds (Oregon-Columbia Chapter Members Only)

Recommended Hotel: Double Tree Hilton,
1000 NE Multnomah Street
Portland, Oregon 97232
Phone: 503.284.8553

Cancellation Policy: Full refunds are available up to 30 days before the program, a \$75 fee, plus the cost of any materials received, will be assessed for cancellations up to 7 days before the program, and cancellations less than 7 days before the program will result in a full forfeiture of the fee. Substitutions can be provided at any time.

Participants who successfully complete this course will be awarded 24 Continuing Education Hours.

