



# MECHANICAL ESTIMATING 101

MCABC's Mechanical Estimating 101 is designed to provide you with the fundamentals of estimating. The content of this course instruction will take you from the initial estimating thought process, through the steps of organizing an estimate, and finally, up to the standardization of forms of record and sources of information. At the end of the course, students will have been exposed to what an estimate is, what an estimator does, and what an estimate contains. Becoming an estimator requires practice; this course offers students the core skills that are needed to begin your career as an estimator, and to lead you to success!

## PRE-REQUISITE

It would be beneficial but not essential to have some knowledge of: basic blueprint reading, basic plumbing/piping design and building & plumbing codes.

## COURSE CONTENT

- Two Major Types of Estimates
- Completion of Bid
- Tools of the Trade
- Changes in Contract
- Labour and Material Take-off
- Extras and Credits
- Pricing Sub Contracts
- Sub Contracts
- Plans and Specifications
- Purchase orders
- Contract Documents
- Bonds & Insurance

## GENERAL INFORMATION

**Location:** MCABC Classroom, 123, 3989 Henning Drive, Burnaby, BC

**Dates:** **THIS IS A TWO-DAY COURSE**  
January 28 & 29, 2012 (8:00 am to 5:00 pm)

**Fee:** **MCABC Contractor Members Price \$595 + 12 % HST** (HST # 107686354)  
**Non-members price \$950 + 12% HST** (HST # 107686354)  
This includes all course material, continental breakfast and coffee breaks (lunch is not included).

**Instructor:** David Ngai - British Columbia Institute of Technology (BCIT)

If your company contributes to the Journeyman Training & Industry Promotion Fund, or if you are a member of UA Local 170, 80% of the member price will be refunded upon your successful completion of the course.

All fees are payable with registration. **MAKE YOUR CHEQUE PAYABLE TO: MCABC**

Fax this completed form to 604-205-5075, mail payment to: MCABC #223, 3989 Henning Drive, Burnaby, BC V5C 6N5

Name \_\_\_\_\_ Are you a member of or is your company signatory to Local 170 \_\_\_\_\_.

Address \_\_\_\_\_ City \_\_\_\_\_ Postal Code \_\_\_\_\_.

Phone \_\_\_\_\_ Fax \_\_\_\_\_ E-mail \_\_\_\_\_.

Charge my credit card  Cheque enclosed



Card number:	Expiry date (mm/yy):	Company Name
Name as it appears on the card:	Signature:	Course Paid by: