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# Estimating

This course consists of two parts, each containing ten three-hour sessions.

## MECHANICAL ESTIMATING PART I

### COURSE 1 – OUTLINE

- 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
- Plans and Specifications
- Purchase Orders
- Contract Documents
- Bonds & Insurance

## MECHANICAL ESTIMATING PART II

### COURSE 2 – OUTLINE

This course is designed to advance the junior estimator to a higher level of estimating. The course content consists of a complete take-off. Pricing – labouring – costing and final bid completion for a project that was recently completed by a Mechanical Contracting Company associated with the MCA Toronto.

**PRE-REQUISITE:** You must have either taken MCAT's Estimating 101 Course or have One(1) year's experience as a junior Estimator for a mechanical contractor.

