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## Sign-up today for WRLA in-class education courses!

# FALL 2017

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### Calgary, AB (8:00 AM – 5:00 PM daily) – Days Inn Calgary South

- ❖ **Oct. 23 & 24: Manual Estimating LEVEL 1** (*Estimating Fundamentals – Decks & Garages*)  
LEVEL 1 is \$578.00 for Members; \$778.00 for Non-Members
- ❖ **Oct. 25 & 26: Manual Estimating LEVEL 2** (*Estimating for Residential Construction*)  
LEVEL 2 is \$578.00 for Members; \$778.00 for Non-Members
- ❖ **Oct 27: Principles of Yard and Warehouse Operations**  
\$289.00 for Members; \$389.00 for Non-Members

### Winnipeg, MB (8:00 AM – 5:00 PM daily) – Winnipeg Holiday Inn – Airport West

- ❖ **Nov. 6 & 7: Manual Estimating LEVEL 1** (*Estimating Fundamentals – Decks & Garages*)  
LEVEL 1 is \$578.00 for Members; \$778.00 for Non-Members
- ❖ **Nov. 8 & 9: Manual Estimating LEVEL 2** (*Estimating for Residential Construction*)  
LEVEL 2 is \$578.00 for Members; \$778.00 for Non-Members
- ❖ **Nov. 10: Principles of Yard and Warehouse Operations**  
\$289.00 for Members; \$389.00 for Non-Members

## Register Today!

Contact:

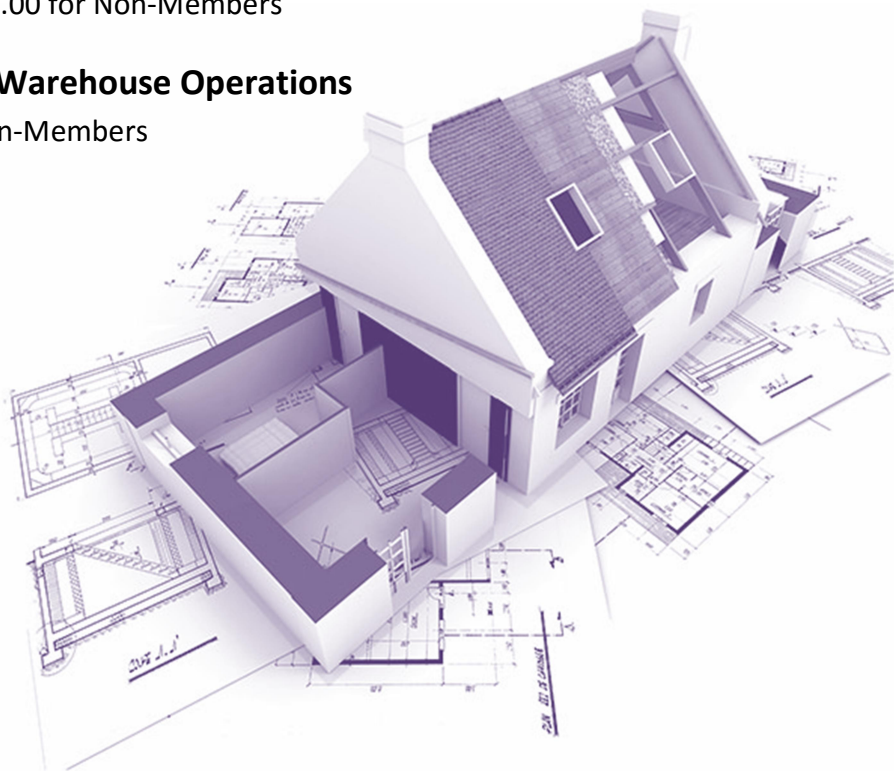
**Wynne Au**

WRLA Member Services

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**Manual Estimating LEVEL 1  
Estimating Fundamentals – Decks & Garages**

**Course Outline:**

- ❖ Applying math to estimating – thought processes
- ❖ Estimate vs. Quotation
- ❖ Dimensional lumber and basic building material components
- ❖ Decks
- ❖ Understanding roofs and pitch
- ❖ Detached garage material estimating
- ❖ Understanding hip roofs or hip roof basics

**Manual Estimating LEVEL 2  
Estimating for Residential Construction**

**Course Outline:**

- ❖ Quotations vs. Estimate
- ❖ Disclaimers
- ❖ Structural specifications
- ❖ Math skills review
- ❖ Understanding roofs
- ❖ Calculating waste factors
- ❖ Reading and understanding blueprints
- ❖ Getting started with your "take-off"
- ❖ Checklist of building materials for take-off
- ❖ Foundation, beam, floor system, stairs, exterior walls, interior walls, roof system
- ❖ Exterior finish and interior components
- ❖ Qualifying your customers
- ❖ Estimating strategies
- ❖ Estimating tables and charts

***\*\*To participate in this course, you should have completed the Estimating Fundamentals or should have experience with small project estimating at the customer service counter, or job-site experience in residential construction.***

**Principles of Yard and Warehouse Operations**

**Course Outline:**

- ❖ The Yard and Warehouse Setting
- ❖ Job Description
- ❖ Principle One: Professional Leadership
- ❖ Principle Two: Customer Service
- ❖ Principle Three: Inventory Management
- ❖ Principle Four: Yard Layout
- ❖ Principle Five: The Business Side
- ❖ Principle Six: Equipment Management
- ❖ Principle Seven: Safety and Compliance

For more information visit: [www.wrla.org](http://www.wrla.org) Today!

