

## Why Earn an e-Zsigma Lean Six Sigma Green Belt?

Lean Six Sigma has rapidly become the most widely accepted and successful business process improvement strategy in the world today.

With the ability to lead 2-3 mid-size continuous improvement projects per year, Lean Six Sigma Green Belts are a key resource for accelerating organizational change.

In addition to leading mid-size process improvement projects, Green Belts also provide support to business leaders as well as process owners, making the Green Belt a highly valued resource, and a wise investment to make in building future leaders and managers for your organization.

- ✓ World-class international Master Black Belt instructors
- ✓ Comprehensive, integrated curriculum
- ✓ 8-day program blends Lean Six Sigma tools & methods with change management & project management
- ✓ Final examination & Certificate of Completion
- ✓ Post-training support and on-site coaching available on request

### WHO SHOULD ATTEND?

- Analysts, program & project managers
- Quality managers & directors
- Continuous improvement leaders
- Product & service managers

### COURSE REQUIREMENTS

Registrants will require a notebook computer configured with Microsoft® Excel and Adobe® Acrobat Reader. ProcessMA™ statistical and graphical analysis software is included in registration fees and will be provided at the start of training – a **\$300.00 value**.

## 2010 TRAINING CALENDAR

### TORONTO SESSION:

#### Session ID – GBM103

Week 1: March 15-18, 2010

Week 2: April 19-22, 2010

#### Session ID – GBM104

Week 1: October 18-21, 2010

Week 2: November 15-18, 2010

Students completing this will be eligible to receive **PDU** credits from the Project Management Institute (**PMI**) and/or **CPDL** credits from the Society of Management Accountants (**CMA**).

Register on-line at [www.e-zsigma.com](http://www.e-zsigma.com)

Email for information: [sales@e-zsigma.com](mailto:sales@e-zsigma.com)

*Cancellation: All e-Zsigma courses require a minimum number of registrations and are subject to cancellation based on insufficient demand. In the event of cancellation or change, registrants will be eligible for a full refund of any registration fees paid to e-Zsigma.*

### On-Site Lean Six Sigma Green Belt Training Available to fit your schedule!

Need a schedule that is flexible to your needs and accommodates training for all of your management team? For on-site Green Belt Training, please contact e-Zsigma (Canada) Inc.



e-Zsigma (Canada) Inc.

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Toronto, ON M5G 1Z3

Phone: (416) 737-1729

[sales@e-zsigma.com](mailto:sales@e-zsigma.com)

<http://www.e-zsigma.com>

## 8-Day Lean Six Sigma Green Belt for Manufacturing

TORONTO, CANADA



*“Lean Six Sigma:  
Building tomorrow’s  
leaders... today!”*



e-Zsigma (Canada) Inc.

*“Canada’s Own” for Lean Six Sigma*

## LEAN SIX SIGMA GREEN BELT

This program incorporates over 40 interactive workshops that provide participants with the foundation for Lean Six Sigma project success, including statistical and analytical tools, as well as change management, leadership, and project management skills. All e-Zsigma training is derived from a common curriculum and as such, Lean Green Belts will be well-equipped to assume proactive support roles for both Champions and Black Belts, as well as lead Six Sigma process improvement projects of their own.

Employing an Adult Learning Model, participants can apply newly-acquired Lean Six Sigma tools and methods to actual process improvement projects over the course of training, enabling immediate benefit from your Six Sigma training investment.

Derived from the popular 16-day Black Belt program, the Green Belt for Manufacturing curriculum consists of eight days of training that is conducted over a two month training cycle: Session 1 (4 days), Session 2 (4 days). Trainees will be required to spend time between sessions applying the concepts and tools learned to their assigned process improvement project, as well as preparing for their next training session.

At the end of each session of training, participants will develop an action plan for their projects, which will be reviewed by their Master Black Belt instructor. If necessary, additional project coaching after the completion of Session 2 training can be arranged.

After successfully completing the course, students will receive a Lean Six Sigma Green Belt Certificate suitable for framing and will be eligible to write the Six Sigma

## ABOUT LEAN SIX SIGMA

"The course was both interesting and informative and gave me the basis for implementing Six Sigma where I work. The instructors did a great job of keeping the material easy to understand. Their extensive hands-on experience and practical real-life examples along with their assistance with each student's Six Sigma project made the classroom learning environment that much more effective. Thank you, e-Zsigma, for a great learning experience!"

-Dennis Silva, Plant Manager

"What an enjoyable experience! I'm glad to have chosen e-Zsigma after comparing it to the ASQ's (American Society for Quality) on-line training option. The instructor has been wonderful - he has truly simplified and made practical what could have been difficult to understand. I guess that's why you call yourselves e-Zsigma."

-Rob Chung, Quality Manager

"When you put Six Sigma in the hands of smart people, it is incredible what they can do with it."

-Bruce Miyashita, VP Six Sigma  
Maple Leaf Foods Inc.

"Six Sigma is a comprehensive approach that improved our ability to apply the right tools at the right time to develop well rounded project facilitators and to complete initiatives in a more timely and effective manner."

-Ted Laks, VP Six Sigma  
Noranda Inc./Falconbride

"In 2007, Lean methodologies were added to our Six Sigma efforts. This combination has created a more robust approach to our continuous improvement efforts as we maintain our relentless focus on the elimination of waste in all our processes.""

Air Canada Jazz

### Fees (Includes ProcessMA™ Software)

1 person: CAD\$5,195.00

3+ people: CAD\$4,695.00

## COURSE OUTLINE IN BRIEF

### Session 1: Define, Measure & Analyze

Participants will be able to gather any remaining information required for their project charter, and launch their process improvement projects.

- Introduction to Six Sigma tools & methods
- Establish & manage a project team
- Complete a process flow & value stream map
- The sources of waste & Lean processes
- Construct a Cause & Effect diagram
- CSM and forced ranking tools
- Prepare a Pareto analysis
- Design and execute a data collection plan
- Perform a measurement system analysis
- Basic statistics to describe process under review
- Prepare & interpret a histogram
- Complete process variability, capability and yield studies

### Session 2: Analyze, Improve & Control

These final four days of training will enable the student to complete their analysis of the key processes being improved, as well as determining and confirming the process changes that will be implemented. The focus will also shift from "Improvement" to "Control" so that long-term sustainability of improvements can be achieved.

- Complete a Risk Analysis (FMEA, FTA)
- process flow, value stream & spaghetti maps
- process rationalization
- mistake-proofing, rapid change-over (SMED)
- kaizen, 5S, standard work, cell layout
- visual workplace & visual controls
- Conduct a Hypothesis Tests: t-Test, F-Test, Chi-square analysis, Z-Test
- Perform Dispersion and Regression analysis
- Analysis of Variance (ANOVA)
- Introduction to Design of Experiment
- Construct and interpret Control Charts
- Lean Manufacturing concepts and tools
- Create and execute a process control plan
- Project close out and final reports