

UNIVERSITY OF SANTO TOMAS
The Graduate School
**CENTER FOR CONTINUING PROFESSIONAL
EDUCATION & DEVELOPMENT**
AND
SIX SIGMA BELT GURU INC.

**LEAN SIX SIGMA
GREEN BELT
TRAINING AND CERTIFICATION COURSE**

Course Date: May 18-19, 25-26,
and June 01-02, 2016
Wednesday & Thursday,
8:00am – 5:00pm

Venue: Thomas Aquinas Research Complex

Rationale:

Lean Six Sigma Green Belt training is ideal for Supervisors and Managers who can implement Transactional Improvements within their own department, by learning and applying Lean and DMAIC tools and process.

Course Overview:

The Lean Six Sigma Green Belt Training strives to develop professionals who have the skills to contribute to process improvement projects. These individuals operate under the watchful eye of the project team leader who is normally a Lean Six Sigma Black Belt or senior process improvement practitioner. Like the Lean Six Sigma Yellow Belt Training, the course is completely participative with incorporating discussions, classroom instructions, and workshop exercises.

At the end of the training course, the participants will be able to:

- Identify and implement DMAIC projects and Kaizen events;

- Apply Lean concepts such as 5S, waste reduction, mistake proofing and value stream mapping;
- Conduct statistical analyses to determine the relationship between key inputs and process outputs;
- Apply the DMAIC framework to solve “real” business problems; and
- Effectively manage team dynamics and recognize how to work with leadership.

**Module 1:
Introduction and Overview**

- Six Sigma overview
- Identify, prioritize, and select a project (Defining Projects)
- Pareto Chart
- Project Charter Toolset
- Affinity Diagram Toolset
- CTQC Tree Diagram Toolset
- SIPOC
- Types of Flow Charts
- DEFINE Tollgate Review
- Module 1 Workshop

**Module 2:
Measure Phase**

- Process Mapping Flow Charts
- Rolled Throughput Yield
- Descriptive Statistics
- Process Capability
- Capability Analysis
- Measurement System Analysis – *Variable Data*
- Measurement System Analysis – *Attribute Data*
- Introduction to Minitab®
- MEASURE Tollgate Review

**Module 3:
Analyze Phase**

- Cause & Effect Diagram Toolset
- Failure Mode and Effect Analysis
- Multi-Vari Chart
- Hypotheses Testing
- Correlation and Regression
- Analysis of Variance (ANOVA)
- ANALYZE Tollgate Review

**Module 4:
Improve and Control Phase**

- Brainstorming
- Error-proofing
- Prioritizing and Selecting a Solution
- Piloting a Solution
- Introduction to Design of Experiments
- Full Factorial DOE
- IMPROVE Tollgate Review
- Statistical Process Control – *Variable Data*
- Statistical Process Control – *Attribute Data*
- Control Plan
- Standardized Work
- CONTROL Tollgate Review
- Green Belt Certification Process

Curriculum and schedule may be subject to change without prior notice.

Lean Six Sigma Belt Training includes the following:

- Licensed Training Manual and Educational Materials aligned with the American Society for Quality (ASQ) and International Association for Six Sigma Certification (IASSC) Lean Six Sigma Body of Knowledge.
- Minitab® Statistical Software 17 demo version download.
- Lean Six Sigma Pocket Toolbook by Michael George.
- Free four hours of project support and consulting services (To be arranged with Six Sigma BELT Consultants).
- Arrangement and Conduct of LSS Green Belt Certification Panel Review (If candidate opts to undergo “with project” certification).
- Certification Examination to be administered by UST

Program Fees:

Each participant who enrolls shall pay the:

- a. **Regular Rate:** Php 50,000.00
- b. **Early Tiger Rate:** Php 40,000.00 (Should the participant register and pay the reservation fee on or before April 23, 2016. Otherwise, the regular rate applies.)
- c. Payment can be made by depositing a reservation fee of Php 5,000.00 (non-refundable in case you cancel your reservation a week before the program starts) at any BPI branch to Account Name: University of Santo Tomas, Account No. 0151-0000-45.
- d. Please email a copy of the deposit slip, together with the accomplished reservation form to ust_ccped@yahoo.com before the course date and wait for a confirmation of receipt. You may pay the remaining balance through check payable to the University of Santo Tomas or in cash on the first day of the program at the registration. We discourage walk-in participants.
- e. Full payment is required on the first day of the training.

Reservation Form:

YES, I will attend the Lean Six Sigma GREEN BELT Training and Certification Course on May 18-19, 25-26, and June 01-02, 2016 at the UST Graduate School.

Full Name: _____
First Name M.I. Surname

Position: _____

Company/Organization: _____

Address: _____

Office Tel. No. _____

Fax No. _____

Cell phone No. _____

Email Address: _____

Signature: _____

You may reproduce the form for additional participants.
UST:S009-00-FO01

For inquires, you may contact:

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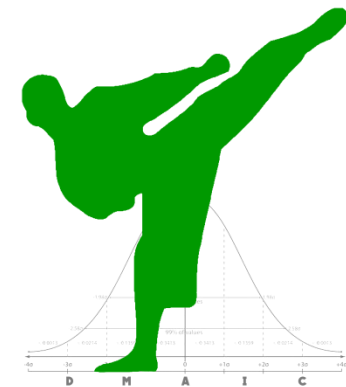
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