



SCHOOL OF EXECUTIVE EDUCATION
AND LIFELONG LEARNING

Lean Six Sigma Green Belt Certification Online Training Program

Full-Course

A two-month program starting December 7, 2020



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Full Course

OVERVIEW

Today's volatile world is ever challenging, with resource scarcity and volatile environment brought about by the pandemic, intense competition, and rapidly changing customer, business, and employee behaviors. To survive and navigate through this terrain, a company must rely on the capabilities and skills of its talent pool to solve profitability, growth and cost issues and problems.

The AIM Lean Six Sigma Green Belt (ALSSGB) is an enhanced version of the traditional Lean Six Sigma Green Belt (LSSGB). In addition to the core LSSGB knowledge, this program integrates project management and makes use of AIM's Case Study method to help develop the participants' critical, creative, and systems thinking towards process improvement initiatives and strategies in their organizations. Upon completion of the Green Belt project, the participant will earn a Green Belt certification.

PROGRAM OBJECTIVES

- Develop candidates to become effective business problem solvers and project leaders
- Level up the capability by learning various concepts, tools, and techniques to execute simple to complex projects
- Expose candidates to different best practices of LSS in other companies through case studies

WHAT YOU WILL LEARN

The LSS Green Belt

- GB Role in Lean Six Sigma Deployment
- Team and project management
- Stakeholder management
- Critical thinking and problem solving

Define Phase (Problem Identification)

- Voice of the Business, Customer, Process, and People
- Project Selection and Prioritization
- Setting-up the Project (Project Charter, SIPOC, Estimating Benefits)
- Establish project key measure using some graphical tools
- Project Management Planning
- Exercises and Application

Measure Phase (Problem Baseline)

- Process Door (Value stream mapping, The Lean Principles, The 8 process Wastes, Work measurement (concept of Takt-time, process cycle efficiency)
- Data Door (Operational definition in data collection, concept of sampling, descriptive statistics, graphical tools, measurement system analysis, process capability)
- Exercises and Application

Analyze Phase (Investigate Root Causes)

- Conceptual analysis (Fishbone, 5 Whys, Fault-tree Analysis)
- Exploratory Data Analysis (Correlation, Simple Linear Regression, Multi-vari Chart)
- Hypothesis Test (Null vs Alternative, Alpha & Beta errors, Power and sample Size, Test for means, variance, proportion)
- Non-parametric Test: Wilcoxon, Mood's-median, Kruskal Wallis, Chi-square)
- Exercises and Application

PROGRAM SCHEDULE

December 7, 2020– February 5, 2021
2:00 PM to 6:00 PM (GMT+08) on all dates

DEFINE: December 7, 8, 9, 10, 11, 2020
MEASURE: December 14, 15, 16, 17, 18, 2020
ANALYZE: January 11, 12, 13, 14, 15, 2021
IMPROVE: January 25, 26, 27, 28, 29, 2021
CONTROL: February 1, 2, 3, 4, 5, 2021

PROGRAM FORMAT

Delivered online via live virtual interactive sessions in Zoom

With completion of a Green Belt project

PROGRAM FEE

PHP 83,000.00 or USD 1,700.00
*USD 1 = PHP 50.00

YOUR PROGRAM FACULTY



Edgar D. Flores
Adjunct Faculty

Asian Institute of Management

To find out how you can participate,
contact us at SEELL@aim.edu or
visit <https://go.aim.edu/seellinquiries>

Download our latest program calendar at
<https://go.aim.edu/seellprogramcalendar>



FOR INQUIRIES:

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Improve Phase (Solutions Generation and Implementation)

- Brainstorming, 6 thinking hats
- Design of Experiment (Fractional and Full Factorial)
- Kaizen Event – A3 report model
- Mistake proofing
- 5S implementation
- Single Minute Exchange of Die or Quick Changeover
- Failure mode and Effect Analysis
- To-Be Value Stream Mapping
- Pilot Study
- Change Management

Control Phase (Sustain results)

- Monitoring results (Variable and Discrete Control Charts)
- Process management chart
- Benefits guideline
- Visual Management
- Lean Standard Work
- Process standardization
- Process documentation and control
- Exercises and Application

Case Studies

- Case studies from various industries like in manufacturing, hospital services, retail, logistics, etc. to reflect and develop insights from the dynamics of successful Lean Six Sigma implementation.
- While AIM Lean Six Sigma Green Belt stands above similar Green Belt trainings available, we make sure to leverage on AIM's core competency which is about critical, creative and systemic thinking. It is with the same reason why we are incorporating not just the typical tactical and operational problem solving using Lean Six Sigma, but as well as the strategic side of it through the use of actual case studies from various industries like in manufacturing, hospital services, retail, logistics, etc. to reflect and develop insights from the dynamics of successful Lean Six Sigma implementation.
- AIM has adopted to use case studies in its Lean Six Sigma program like Lean Six Sigma for Business Leaders, Green Belt Certification Training and Black Belt Certification Training.

A total of 25 sessions of 4 hours each. There will be 2-3 MBB instructors that will cover various topics in the list.





KEY BENEFITS

- Candidates will have already started an approved project following the Lean Six Sigma approach
- Candidates will be able to demonstrate using the Green Belt project story board the outputs of each of the DMAIC phases (as in the above topics)
- Candidates will be able to demonstrate their critical, creative, and system thinking as well as their stakeholder and change management capabilities during coaching and project defense
- It is expected that a GB project must be finished within six (6) months, and will then be awarded a Green Belt certification.

WHO SHOULD ATTEND

- Mid-level managers and up
- Anyone who wants to increase his/her capabilities in the areas of continuous improvement and process improvement
- Anyone who works in any organization and industry where problem-solving and ad-hoc projects are part of life
- An entrepreneur who wants to improve his problem-solving skills and techniques
- At least a college graduate
- A lower Lean Six Sigma certificate like Yellow Belt is not a requirement





Your Program Faculty



Edgar D. Flores
Adjunct Faculty
Asian Institute of Management

Ed Flores is a project manager, coach, consultant, trainer, leader, and mentor of continuous improvement for many years in multi-national companies like in Mitsumi, Essilor, Pfizer and Shell with project experiences across various industries and functions like in manufacturing, BPO, pharmaceutical, finance, sales, marketing, operations, logistics, HR, IT and procurement.

A practicing Master Black Belt, Ed is instrumental in the deployment of continuous improvement programs in Essilor-Optodev manufacturing plants, in Pfizer in all its commercial operations offices located in 13 countries of Asia, and in Shell in its finance operations also in Asia region. Apart from being an adjunct professor at AIM, Ed is also a Sr. Consultant of Kaizen Institute and the Founder Managing Consultant of INNOSIGMA Consulting.



Christian M. Orias
Asian Institute of Management

He is currently an ITIL expert, CMQ-OE, CMBB, PMP, CISA, CISM, CGEIT, CRISC, ISO 27001 and 9001 Lead Auditor. He has held various positions from Philippine Electricity Market Corporation as Executive Member of the Audit Committee, Cogniseed Consulting, Inc., as Managing Director and President, Teletech Philippines, Inc., as Director for Human Capital Advanced Business Analytics and Reporting, United Health Group Company as Six Sigma Master Black Belt, Oracle Corporation as Principal I.T. Business Implementations Analyst for APAC and Japan, Hewlett Packard (Asia Pacific) Company as Site Quality and Compliance Manager, British Standards Institute - Neville Clark Corporation as Senior Manager Consultant, and Intel Corporation as Senior Product Quality Engineer.

He completed his 2 engineering degrees from University of Santo Tomas (Master of Science in Management Engineering and Bachelor of Science in Electrical Engineering).



Ariel B. Driz
Asian Institute of Management

He is currently the Lean Six Sigma Master Blackbelt of Maxim Philippines, Microchip Philippines, and Eagle Cement. He has held various positions in BPO International as Lean Six Sigma Master Blackbelt, Navitas Semiconductors as Head of Outsourced Operations, Cirtek Electronics as VP for Quality and Strategic Operations, International Rectifier Inc., as Product and Test Engineering Manager for Asia, Pulse Philippines Inc. as Manufacturing Director, Amkor Technology as Operations Department Manager, Best Electronics and Components Company Inc., as Operations Manager, and Motorola Philippines, Inc., as Final Test and Product Engineering Manager.

He completed his Bachelor of Science in Electronics and Communications Engineering at the De La Salle University, Manila.

