



**TRACER WORLD**  
YOUR SUCCESS PARTNER

# Lean Six Sigma Green Belt Program

Deliver better outcomes through improved processes



# 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 68-hour AIM Certification Lean Six Sigma Green Belt (AIM-CLSSGB) 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 in their organizations.

## 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 Will You Learn

### The LSS Green Belt as a change agent and project manager

- Stakeholder and change management
- Basic project management

### Define Phase (Problem Identification)

- Project Selection and Prioritization
  - Build Project Charter
  - Voice of the Customer and Critical to Quality and KANO Model
  - High-level Process Mapping (i.e., SIPOC)
  - Exercises and Application
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### **Measure Phase (Problem Baselineing)**

- Process Performance Analysis (i.e., Value Stream Mapping, The Lean Thinking Principles, GEMBA Walk, The 8 process wastes)
- Baseline Data Analysis (i.e., Operational definition in data collection, the concept of sampling, descriptive statistics, graphical analysis)
- Measurement System Analysis (MSA) or Gage Repeatability & Reproducibility (Gage R&R)
- Process Capability
- Exercises and Application

### **Analyze Phase (Investigate Root Causes)**

- Conceptual analysis (i.e., Cause and Effect, 5 Whys)
- Exploratory Data Analysis (i.e., Correlation, Simple Linear Regression, Multi-vari Chart)
- Hypothesis Test (i.e., Continuous and Discrete Data)
- Non-parametric Test: (1-sample Sign, Wilcoxon, Mann-Whitney, Moods-median, Kruskal Wallis)
- Exercises and Application

### **Improve Phase (Solutions Generation and Implementation)**

- Brainstorming, 6 Thinking Hats
  - SCAMPER Technique
  - Design of Experiment (i.e., Fractional and Full Factorial)
  - Kaizen Event – A3 report model
  - Mistake Proofing or Poka-Yoke
  - 5S Workplace implementation
  - Single Minute Exchange of Die (SMED) or Quick Changeover
  - Process Failure Mode and Effect Analysis (PFMEA)
  - To-be or future state Value Stream Mapping (VSM)
  - Pilot Study
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## Control Phase (Sustain results)

- Control Charts (i.e., variable and attribute data)
- Process Management Chart
- Project Benefits Guideline
- Visual Management
- Standard Work
- Process Documentation and Control
- Exercises and Application

## Case Studies

- These are Harvard Business Case studies of various industries like manufacturing, hospital services, retail, logistics, etc., to reflect and develop insights from successful Lean Six Sigma implementation dynamics.
- While AIM Lean Six Sigma Green Belt stands above similar Green Belt training, we make sure to leverage AIM's core competency, which is critical, creative, and systemic thinking. It is for the same reason that 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 to reflect and develop insights from the dynamics of successful Lean Six Sigma implementation.
- AIM has used case studies in its Lean Six Sigma program like Lean Six Sigma for Business Leaders, Green Belt Certification Training, and Black Belt Certification Training.

The AIM-CLSSGB of 68 hours (i.e., 17 half-day sessions) will be facilitated by 2-3 MBB instructors who bring their combined 50 years of solid experiences from various industries and organizations to the table.



## 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 storyboard, the outputs of each of the DMAIC phases (as in the above topics)
- During coaching and project defense, candidates can demonstrate their critical, creative, and system thinking and their stakeholder and change management capabilities.
- 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 their 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
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## Program Faculty

### Edgar D. Flores

Adjunct Faculty  
Asian Institute of Management

Ed Flores has been a project manager, coach, consultant, trainer, leader, and mentor of continuous improvement for many years in multi-national companies like Mitsumi as production supervisor, Essilor as production and continuous improvement manager, Genpact as AVP in operations, Pfizer as regional Asia Continuous Improvement Director, and Shell as regional Asia Operational Excellence Lead.

A practicing Master Black Belt, Ed is instrumental in deploying 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 in Asia region. Apart from being an adjunct professor at AIM, Ed is a trainer/facilitator at the Philippine Institute of Supply Management and the Founder and Managing Consultant of INNOSIGMA Consulting. He completed a BS in Electrical Engineering at FEU and an MBA at the Ateneo Graduate School of Business.



### Christian M. Orias

Adjunct Faculty  
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 two engineering degrees from the University of Santo Tomas (Master of Science in Management Engineering and Bachelor of Science in Electrical Engineering).

## PROGRAM FEE

**USD 1,550**

Interested in early bird or group discounts?

Group enrollments offer:

Get 5% off the program fee for group of 3 to 6 pax  
and 10% for group of 7 pax and above

## PROGRAM DELIVERY

This program is delivered through a HYBRID format.

## PROGRAM SCHEDULE

For program dates, please contact Tracer World at [tracerworldinquiry@aim.edu](mailto:tracerworldinquiry@aim.edu)

# Earning a Postgraduate Certificate and Postgraduate Diploma

AIM-SEELL offers Postgraduate Stackable Certificate Courses in various areas of concentration and discipline, which build an individual's qualifications and distinguish their professional value. It enables professionals to develop their proficiency in diverse areas of concentration in a personalized and more manageable manner. By successfully completing SEELL's programs, credentials can be earned over time, stacked towards earning a Postgraduate Certificate in an area of their choice, and ultimately, a Postgraduate Diploma in Management. This leads to more career opportunities, advancement, and potentially high-paying jobs.

## Earning Credentials

Alumni Status will be granted upon completion of the program.

Upon completion of the program, the participant will earn three (3) units, which can be credited to the following:

- Postgraduate Certificate in Operations Management
- Postgraduate Diploma in Management

\*Postgraduate Certificate requires 5 units earned within 2 years

\*Postgraduate Diploma requires 20 units earned within 3 years

For guidance on other eligible programs for Postgraduate Certificates and designing your learning journey with SEELL, please email us at [SEELL@aim.edu](mailto:SEELL@aim.edu) or visit our website at <https://aim.edu/executive-education/>