



TRACER WORLD
YOUR SUCCESS PARTNER

Lean Six Sigma Black Belt Program

Transform processes. Deliver Results. Lead Change



Overview

Lean Six Sigma is a strategy that supports an organization's short-term need to survive and rapidly reduce cost, while looking at its long-term road to transform into an agile, high-performing organization with sustainable growth. The Lean Six Sigma Black Belt (LSSBB) training at the Asian Institute of Management prepares you as a major performance contributor and an improvement leader in your organization. In addition to the comprehensive tools in the Black Belt repertoire, AIM focuses on critical leadership skills necessary get the job done.

Our Master Black Belt (MBB) facilitators with many years of solid working and consulting experience in manufacturing, service, healthcare, finance, pharmaceutical, BPO, IT, and public sectors will provide personal insights and practical applications from actual work experiences throughout the program. The AIM LSSBB sessions will also make use of relevant cases and examples, leveraging on its learning resources and its network of international community alliances.

Program Objectives

The program aims to develop the participants as Process and Quality Leaders in their respective organizations.

The program will enable them to:

1. Acquire the knowledge and skills necessary to apply the LSSBB DMAIC concepts in solving complex problems by:
 - a. Understanding theoretical and practical applications of LSSBB DMAIC
 - b. concepts through examples and case studies
 - c. Using critical, creative and systems thinking in decision-making
 - d. Using statistical and other related software to aid in problem analysis and project management (e.g., Minitab, SigmaXL, etc.)
2. Become a Lean Six Sigma practitioner and help achieve organizational goals by:
 - a. Managing various stakeholders and getting their support in pursuit of process improvement initiatives aligned with the organization's strategic goals
 - b. Leading high-stake projects of the organization (e.g., Revenue increase, Cost Reduction, Delivery improvement, Customer Satisfaction, Innovation projects, etc.)
 - c. Driving the organization towards continuous improvement, be it incremental or radical innovation for creating and reinforcing its competitive advantage

Note: A proof of completed Lean Six Sigma or Six Sigma training from any school or entity is a prerequisite for taking the CLSSBB Training in AIM.



What Will You Learn

Define

- Quick review of Define tools in Green Belt
- The Black Belt as a Change Agent
- Project selection and prioritization for Black Belt level
- Project Management Overview (PERT/CPM, Resource, Financial, and Quality Management)

Measure

- Quick review of Measure tools in Green Belt
- Quality Function Deployment
- Non-normal capability analysis
- Power and Sample Size
- Advance distributions (i.e., Weibull, Logistics)

Analyze

- Quick review of Analyze tools in Green Belt
- Fault-tree Analysis
- Multiple linear regression
- Logistic regression
- A3 Toyota Model
- Two-way ANOVA

Improve

- Quick review of Improve tools in Green Belt
- Design for Six Sigma (DFSS) Introduction – TRIZ Analysis
- Theory of Constraints
- Design of Experiment (DOE)
- Response Surface Design, Plackett-Burman
- Design FMEA

Control

- Quick review of Control tools in Green Belt
- Pre-control chart
- Time-weighted control chart
- Hoshin-Kanri Strategy Deployment
- Business Case Study



Certification Requirements

- Must pass the AIM LSSBB written exam.
- Must complete one high-impact Black Belt project (i.e., Project is benefit is approved and validated by any leadership team member of the company or organization where the BB project was completed)
- Must submit the LSSBB project report to the AIM School of Executive Education and Lifelong Learning Lean Six Sigma technical committee for proficiency assessment relevant DMAIC concepts and tools application. The proficiency of LSSBB tools and techniques can be verified during the conduct of project coaching sessions between the candidate and assigned AIM MBB coach.

Who Should Attend

- The program is a must for anyone with at least 3 years of work experience in any industry.
 - Enrollees will be assessed by the AIM LSSBB technical committee to ensure right fit and profile. This is to manage mutual expectations beforehand and ensure that the Black Belt candidate is highly committed to the rigor of the AIM LSSBB Certification Training.
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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 program 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 Lean Trainer at the Philippine Institute of Supply Management, and the Founder Managing Consultant of INNOSIGMA Consulting. He is also an external consultant in Lean Six Sigma at the British Standard Institute.

PROGRAM FEE

USD 2,600

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

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 or visit our website at <https://aim.edu/executive-education/>