



SCHOOL OF EXECUTIVE EDUCATION  
AND LIFELONG LEARNING

# Lean Six Sigma Black Belt

Program starts in January 2024



# Lean Six Sigma Black Belt

## 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 concepts through examples and case studies
  - b) Using critical, creative and systems thinking in decision-making
  - c) 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 pre-requisite for taking the CLSSBB Training in AIM.



## PROGRAM SCHEDULE

### Live Online sessions

- January 15,16,17, 22, 23, 24, 29, 30, 31, 2024
- February 5 ,6, 7,12,13, 2024
- 1:30 PM to 5:00 PM

### Face-to-Face On-campus

- February 19, 2024
- 8:30 AM to 5:00 PM

(GMT+08) on all dates

## PROGRAM FEE

PHP 130,990.00 or USD 2,382.00\*

\*The prevailing exchange rate at the date of payment may apply.

## CERTIFICATION

- Certification of Training will be awarded to those who comply to the program’s attendance requirement
- AIM LSSBB Certification will be awarded to those who pass the AIM LSSBB Exam and complete a Black Belt project

## YOUR PROGRAM FACULTY



Edgar Flores

Program Director  
Adjunct Faculty, AIM



Christian Orias

Adjunct Faculty, AIM



Ariel Driz

Adjunct Faculty, AIM

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

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



## KEY BENEFITS

- Learn from the faculty team and listen to their solid lean six sigma experiences.
- Become an extraordinary problem solver, and learn how to better apply critical thinking, creative thinking, and systems thinking in solving problems.
- Career opportunity advancement for gaining a LSSBB.
- Networking opportunity with the Lean Six Sigma Faculties and fellow Black Belt candidates

## WHAT YOU WILL 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.





## 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.



Christian M. Orias  
Adjunct Faculty  
Asian Institute of Management

Christian Orias 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  
Adjunct Faculty  
Asian Institute of Management

Ariel Driz 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.





## Earning a SEELL Postgraduate Certificate and Diploma

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

Successfully completing the program earns participants Three (3) units which can be credited to a Postgraduate Certificate in Operations Management.

\*Postgraduate Certificates require five (5) units earned within two (2) years.

\*The Postgraduate Diploma in Management requires a total of twenty (20) units earned within three (3) years.

### ELIGIBLE PROGRAMS

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://executiveeducation.aim.edu>



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