

This certificate is awarded by
The Lean Six Sigma Company.

Courses of The Lean Six Sigma Company
are compliant with the ISO18404
standard. This International Standard
sets out the required competencies
for individual certification and/or an
organization's certificate.

CERTIFICATE OF COMPLETION

LEAN SIX SIGMA
GREEN BELT



The Lean Six Sigma Company hereby
recognizes that

Fatma Hermining Astuti

has successfully completed the following course:

**LEAN SIX SIGMA
GREEN BELT**

Certification acknowledges the understanding
of Lean Six Sigma methods & tools on Green
Belt level. The owner of this certificate is eligible
to carry out the practical assignment required
to become a certified Green Belt.

Trained by: **Dawera Taher**

Rijk Schildmeijer
Quality Director
The Lean Six Sigma Company

Mischa van Aalten
Managing Director
The Lean Six Sigma Company

LEAN SIX SIGMA GREEN BELT TRAINING AGENDA



Lean Six Sigma Green Belt Agenda

Session	Duration	Module
Day 1	8 Hours (15 minutes break)	Lean
Day 2	8 Hours (15 minutes break)	Lean
Day 3	8 Hours (15 minutes break)	Six Sigma Introduction, Define
Day 4	8 Hours (15 minutes break)	Basic Statistics + Minitab, Measure
Day 5	8 Hours (15 minutes break)	Analysis
Day 6	8 Hours (15 minutes break)	Improve + Control
Day 7	75 minutes	Exam GB (32 Question)

Day 1 - Monday, 5 August 2024

Hour	Topic
08:00 – 10.15	Agenda and day program, Introduction, 5 Principles of Lean
Break	
10:30 – 12.00	Identify Value – Toast Game
Lunch	
13:00 – 15.00	Map the Value Stream, Create Flow
Break	
15.15 – 17.00	Exercise – Value Stream Map

Day 2 - Tuesday, 6 August 2024

Hour	Topic
08:00 – 10.15	Refresh Module Day 1, Establish Pull, Seek Perfection (Visual Mgt. 5S, Standard Work)
Break	
10:30 – 12.00	Exercise – 5S
Lunch	
13:00 – 15.00	Exercise – Lean Simulation
Break	
15.15 – 17.00	Single Minute Exchange Dies, Overall Equipment Effectiveness, Quiz Lean

Day 3 - Wednesday, 7 August 2024

Hour	Topic
08:00 – 10.15	Refresh Module Day 2, What is Quality, Change Management, Understanding Variation, Six Sigma Performance
Break	
10:30 – 12.00	Six Sigma Organization, Six Sigma Methodology
Lunch	
13:00 – 15.00	Project Selection and Scope, VOC and CTQ, Project Charter + Exercise
Break	
15.15 – 17.00	Process Map, SIPOC, Change Management, Stakeholder Analysis, Financial Opportunity, Tollgate Reviews + Exercise, Define phase Quiz

Day 4 - Thursday, 8 August 2024

Hour	Topic
08:00 – 10.15	Refresh Module Day 3, Basic Statistics, Central Tendency and Variation, Boxplot, Histogram
Break	
10:30 – 12.00	Introduction to Minitab, File Menu, Practice with Minitab using Statapult
Lunch	
13:00 – 15.00	Tree Diagram, Detailed Process Map, Pareto Analysis
Break	
15.15 – 17.00	Data Collection Plan, Data Types, Measurement System Analysis, Process Capability, Measure phase Quiz

Day 5 - Friday, 9 August 2024

Hour	Topic
08:00 – 10.15	Refresh Module Day 4, Prioritized List of X's, Cause Effect Diagram, Cause Effect Matrix, Failure Mode & Effect Analysis
Break	
10:30 – 12.00	A Selection of the vital X's, Data Collection, Graphical Analysis of the project Y data
Lunch	
13:00 – 15.00	Implement Analyze phase Tools to LSS Project, Analyze phase Quiz
Break	
15.15 – 17.00	A list of possible Solutions and tools for generating ideas

Day 6 - Saturday, 5 August 2024

Hour	Topic
08:00 – 10.15	Refresh Module Day 5, Criteria-Based Decision Matrix, Pugh Matrix, AHP Matrix, Plot Implementation Plan, Improve phase Quiz
Break	
10:30 – 12.00	Control Plan, Mistake Proofing, Robust Process Design, Procedures, Control Chart, Implementation Plan, Confirmed Solution, Control phase Quiz
Lunch	
13:00 – 15.00	LSS GB Module Teach back by each participant
Break	
15.15 – 17.00	Mockup Exam



Thank you.



UNIVERSITAS AHMAD DAHLAN
LEMBAGA PENGEMBANGAN PENDIDIKAN
 Jln. Gondosuli No.1b, Semaki, Umbulharjo, Yogyakarta 55166

SURAT PERINTAH PERJALANAN DINAS (SPPD)
 Nomor: U13/269/B.12/VII/2024

Pimpinan Lembaga Pengembangan Pendidikan (LPP) Universitas Ahmad Dahlan (UAD) memberikan tugas kepada yang tersebut di bawah ini:

No	Nama	NIPM
1	Fatma Hermining Astuti, S.T., M.Sc	19880414 201601 011 1220475

Untuk melaksanakan kegiatan PKKM berupa Pelatihan "*Lean Six Sigma Green Belt Certification*" di Aryaduta Suites Semanggi yang beralamat di Jl. Garnisun Jl. Garnisun 1 No.8 5, RT.5/RW.4, Karet Semanggi, Kecamatan Setiabudi, Kota Jakarta Selatan, Daerah Khusus Ibukota Jakarta 12930, selama tujuh (7) hari terhitung dari hari Minggu s.d. Sabtu, 4 s.d. 10 Agustus 2024.

Surat Perintah Perjalanan Dinas (SPPD) ini diberikan agar dapat dipergunakan dengan sebaik-baiknya.



Yogyakarta, 29 Juli 2024

Kepala Lembaga Pengembangan Pendidikan



Dr. Ishafit, M.Si.

NIPM 19620201 199107 111 0600749

Tiba di ARYADUTA SEMANGGI Tanggal: 05 AGUSTUS 2024 " LEAN SIX SIGMA GREEN BELT INTERNATIONAL CERTIFICATION "	Pengesahan,  VIVI LESTARI THE LEAN SIX SIGMA COMPANY INDONESIA
Tiba di Universitas Ahmad Dahlan Tanggal:	Pengesahan Lembaga Pengembangan Pendidikan  Dr. Ishafit, M.Si

Nb: Pengembalian Surat Perintah Perjalanan Dinas (SPPD) harap disertakan sertifikat (jika ada)