

Lean Six Sigma Green Belt


Wave 78

Certification Program

January 2018



Achieve Competitive advantage
Reduce Variation
Increase Quality
Enhance Customer Satisfaction
Increase Profit



Discovering
new limits
through people
and values

Some of the positive comments received following our interventions:

"Symbios were able to work with some of our people to develop their awareness to alternative ways of discovering and resolving hidden wastes."

Vodafone UK

"Symbios' training involves the live introduction of lean techniques, where change is implemented one piece at a time on a real project. Over the next 12 months we will be re-viewing the old practices, focusing on core business – particularly the cooler manufacturing side,"

Scotsman Beverage Systems

"Symbios are Pioneers in Egypt with their Lean, Six Sigma and supply chain training & consulting services. I have worked with them on both full scale Lean factory deployment as well as Lean Six Sigma training. What sets Symbios apart from their competitors is their technical know-how, Practical experiences in implementation and most importantly, their determination and effort for always seeking and attaining the highest level of results and customer satisfaction. That is why I recommend Symbios".

AHRAM SECURITY GROUP

Program Fees:

- 7,700 EGP per person.
- 100 USD for Final Exam.
- Class is limited to 16 participants only

Registration:

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All Symbios Consulting Six Sigma and Lean Six Sigma trainings are accredited from

The Council For Six Sigma Certification

Six Sigma is a management philosophy that attempts to improve customer's satisfaction to near perfection.

Amongst the plethora of management techniques that exist today, Symbios Consulting has adopted a strategic, tactical and cultural component to Six Sigma as an effective approach to the transformation of business process.

Who Should Participate?

- Quality Managers
- Production Managers
- Supply Chain Managers
- Production supervisors
- Process Improvement Teams
- Business Transformation Teams
- Improvement Leaders

Course Duration:

Lean Six Sigma Green Belt Certification is designed to be delivered as follows:

- 11 full class days, 88 training hours in 5 blocks
- Training starts 9:00 am till 5:00 pm
- There will be Individual projects reviews and presentations at Symbios premises
- Two visits for each participant in his/her work area to verify project progress for certification:
 - First visit 2 weeks after second block
 - Second visit 3 weeks after fourth block
- 1 day for Green Belt final exam.

Certification:

Participants shall be certified as Lean Six Sigma Green Belts upon the following criteria:

1. Class attendance and active participation
 2. Passing an exam at the end of the course with 60% or more.
 3. Implementation of a Lean Six Sigma Green Belt project which is applied in participant's business process which will be verified through Symbios Consulting representative onsite Visit.
- Participants who attend all classes and pass the exam with more than 60% shall be granted only an Accomplishment certificate for the course.
 - Participants who attend all classes shall be granted only an Attendance certificate for the course.
 - Participant should finish the project within maximum Six months starting from day 1 in the training. In case he didn't, he will be granted an attendance certificate.

Admissions pre-requisites:

- Each participant brings a laptop with any version of Minitab software installed.
- Knowledge of Ms-Excel
- Very good command of English
- Company approval for project implementation

Course Dates:






January 2018							February 2018						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6					1	2	3
7	8	9	10	11	12	13	4	5	6	7	8	9	10
14	15	16	17	18	19	20	11	12	13	14	15	16	17
21	22	23	24	25	26	27	18	19	20	21	22	23	24
28	29	30	31				25	26	27	28			

March 2017						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

DMAIC Methodology

Contents:

- SPACER
 - Define Phase
 - What is Six Sigma?
 - What is Lean?
 - Sigma level calculation
 - Project Charter
 - VOC & CTOs
 - Measure Phase
 - SIPOC
 - Detailed Process Mapping
 - Prioritisation Matrix
 - Data Collection Plan
 - Measurement System Analysis for continuous data
 - Measurement System Analysis for Attribute data
 - Basic Statistics
 - Types of Data
 - Graphical Tools on Minitab: Dotplot, Histogram, Time Series, Normality Plot, Boxplot, Pareto
 - Control Charts
 - Analyze Phase
 - Cause and Effect
 - Risk Assessment using FMEA
 - Process Capability
 - Hypothesis Testing
 - Correlation and Regression
 - Improve Phase
 - Brainstorming
 - Multi-Vari charts
 - Design of Experiment
 - Solution Prioritisation Matrix
 - Piloting Solution
 - Implementation plan
 - Control Phase
 - SOPs
 - Control Plan
 - Continuous improvement
 - Project Closeout
 - Project Replication
- Certification Exam

-  Block 1: Define—2 Days
-  Block 2: Measure - 3 Days
-  Block 3: Analyze - 2 Days
-  Block 4: Improve - 2 Days
-  Block 5: Control - 2 Days