

Six Sigma Black Belt

Wave 11

Certification Program

October 5th, 2011



**Achieve Competitive advantage
Decrease Variation
Increase Quality
Enhance Customer Satisfaction
Maximize Profit**



**Discovering
new limits
through people
and values**

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.

Training in 6 Blocks (24 days):

- **Block 1: Six Sigma Team Accelerator (4 Days)**
 - SPACER
 - Six Sigma History
 - Intro to Six Sigma
 - BB certification
 - Project Tracking - Gateways and Guidebooks.
 - Project Dashboards
 - Creative problem solving
 - Consensus building techniques
 - Teams, Team-working & Team Roles – Belbin
 - Managing Conflict
 - Leading Change
- **Block 2: Define (2 Days)**
 - Collecting Voice of the customer
 - Kano Model
 - QFD
 - Project Charter
- **Block 3: Introduction to Lean (3 Days)**
 - Lean Philosophy and Methodology
 - Value Stream Mapping
 - 5S & Visualization
 - Kanban simulation
- **Block 4: Measure (5 Days)**
 - Process Mapping
 - Data Collection Planning
 - Graphical tools
 - Measurement System Analysis
 - Control Chart
 - Sampling
- **Block 5: Analyze (5 Days)**
 - Process Capability
 - Hypothesis Testing
 - Confidence Intervals
 - Multiple regression and scatter plots
- **Block 6: Improve & Control (5 Days)**
 - Design of Experiment
 - Response Surface Analysis
 - Process Documentation
 - Control Plans
- **Final Exam**

Who Should Participate?

- Production Managers
- Supply Chain Managers
- Production supervisors
- Process Improvement Specialists
- Business Transformation Specialists

Course Duration:

Six Sigma Black Belt Certification program is designed to be delivered as follows:

- 24 full class days, 192 training hours in 6 blocks
- 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

Certification:

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

1. Class attendance and active participation
 2. Passing an exam at the end of each module and overall exam at the end of the course
 3. Implementation of a Six Sigma Black 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 shall be granted an attendance certificate for the course.

Admissions pre-requisites:

- Each participant brings a laptop
- Knowledge of Ms-Excel
- Very good command of English
- Company approval for project implementation

Course Dates:

- Block 1 (Team Accelerator) : 5, 6 & 8, 9 of October 2011
- Block 2 (Define) : 29, 30 of October 2011
- Block 3(Introduction to Lean): 26, 27, 28 of November 2011
- Block 4 (Measure) : 17, 18 & 24, 25, 26 of December 2011
- Block 5 (Analyze) : 21, 22 & 28, 29, 30 of January 2012
- Block 6 (Improve) : 25, 26, 27 of February 2012
- Block 7 (Control) : 24, 25 of March 2012

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:

- Class is limited to 18 participants only
- LE 18,500 (6 blocks cost in addition to two visits/participant by Symbios Consulting Instructors

* هذه البرامج مدعومة من قبل مجلس التدريب الصناعي للشركات المسجلة على قاعدة بيانات مركز تحديث الصناعة

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Registration:

mona.mostafa@symbios-consulting.com
nadia.kandi@symbios-consulting.com
Fax & Tel: +2 02 23581794
Mobile: +2019 889 1700 , +2016 332 7685
www.symbios-consulting.com