

CENTRAL BANK OF EGYPT
Egyptian Banking Institute



البنك المركزي المصري
المعهد المصرفي المصري



Yellow Belt

Six sigma “Yellow Belt”

Course Overview:

Six Sigma is a step-by-step process of statistical tools and interventions, with the help of which companies can interpret the business processes requiring attention, find the root cause of problems, and sustain improvement gains.

The Six Sigma Yellow Belt is the first step for people/professionals into the world of process improvement. Six Sigma Yellow Belt program is meant for those who wish to gain a basic understanding of Six Sigma and the phases of DMAIC, Define, Measure, Analyze, Measure, Control.

Course objectives:

- Explore the field of the process improvement
- Understand the six-sigma approach and practice the structured thinking skill
- Realize the importance of “Voice of Customer”
- Take the lead and be able to work as a change agent in the organization
- Recognize the true meaning of good product / good service
- Identify the “Cost of poor quality”

Course Outline:

Module 1: Introduction

- What is six sigma? Why do we do six-sigma?
- Six sigma versus the traditional way of thinking
- What is the meaning of continuous improvement?
- DMAIC Approach, what is like it?
- Do we really understand the meaning of a (Good Product)?

Module 2: Define Phase

- What can be considered a six-sigma project?
- Projects selection criteria
- How to prepare a project mission statement
- What is the meaning of “TEAM”? How it can be successful?
- Project Charter

Module 3: Measure Phase

- What is the difference between process door and data door?
- SIPOC Diagram
- What are the customer needs? Are all of them equally important?
- How to represent our process graphically?
- Pareto concept

Module 4: Analyze Phase

- How to formulate theory about the problem root cause?
- What is a successful brain storming session?
- Cause and effect diagram.
- Histogram, is it the same as bar chart?
- What is time series? How can we use scatter plot?

Module 5: Improve Phase

- Do we usually have alternative remedies? Which one is the best?
- How to design your remedy
- What is FMEA?
- Will you find resistance from concerned people? Why?
- Have you considered culture?

Module 6: Control Phase

- Design effective quality controls
- What is foolproof design? How to use it?
- How to audit the process

Target Audience:

- Minimum of 2 years professional experience.

Program Duration:

- Total hours: 30 hrs. / 3:30 hours per day

Delivery Method:

- In-class

Assessment Strategy:

- Participation
- Group Exercise
- 60 % Cut of a score of total grades which is "100"

Program language:

Material: English

Instruction and Explanation: Bilingual (AR<>EN)

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15200
One number to better serve you!

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