



Lean Six Sigma

Yellow Belt Training Course

Certification provided by

PeopleCert
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Why Bakkah?

Is a Saudi management consulting and education company that offers a wide range of products and services. We develop solutions tailored to our customer's needs.

Our team of highly experienced, certified professionals help your reach the best decisions that ensure you realize optimum business profits by delivering projects on time, cost, and quality. We pride ourselves in having the skills and knowledge based on best industry practices that enable us to provide a myriad of solutions for business strategy to the most functional and operative areas.

Bakkah in Numbers





Course Objective







After completing this course, you should be able to:

- Explain Lean Six Sigma, DMAIC and essential problem solving to others
- Solve problems using the DMAIC approach
- Apply basic problem-solving tools
- Understand the importance of data and how to collect it effectively
- Solve simple projects using Lean Six Sigma principles



Course Methodology

Online Training

-  4 Days - Online Training
-  Exam Simulation
-  Group Activities after each lesson.
-  Access to additional References – Glossary/ Recommended Reading/ Syllabus.
-  Material language will be in English.
-  Discussion language will be in both English and Arabic.





Targeted Audience



Professionals seeking elementary knowledge about quality management



Improvement Managers,



Operational Line Managers,



Team Managers,



Project Managers,



Change Managers,



Finance Managers,



IT Managers,



HR Managers



Staff involved in business process performance improvement projects



Course Outline



Introduction

- Basics of Six Sigma
- Fundamentals of Six Sigma
- Identify Lean Six Sigma Projects
- Lean Enterprises
- Process Mapping
- Six Sigma Statistics
- Measurement Systems Analysis
- Process Capability
- Monitoring Techniques
- Lean Controls
- 5S/ Kanban
- Statistical Process Controls
- Six Sigma Control Plans

Tools To Define

- Basics of Six Sigma
- Fundamentals of Six Sigma
- Voice of the customer
- CTQ
- Basic Six Sigma metrics
- Pareto Analysis (80:20 rule)
- Components of a Scope definition
- Identify Lean Six Sigma Projects
- VOC to CTQ
- Seven elements of Waste

Tools To Control

- 5S Control Methods
- Kanban
- Mistake Proofing
- Control Plans – Cost/ Benefit Analysis
- Elements of Control Plans
- Response Plan

Tools To Measure

- Define Process
- Process Mapping
- Top-down Charting
- Value Stream Mapping
- Cause and Effect Diagram
- X-Y Diagram
- FMEA
- Six Sigma Statistics
- Graphical Analysis
- Measurement System Analysis
- Variable & Attribute MSA
- Process Capability
- Normal Distributions
- Monitoring Techniques





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