

## Lean Process And Six Sigma

Six Sigma is a data-driven approach for eliminating defects and waste in any business process. You can compare Six Sigma with turning your water faucet and experiencing the flow of clean, clear water. Reliable systems are in place to purify, treat, and pressure the water through the faucet. That is what Six Sigma does to business: it treats the processes in business so that they deliver their intended result. Our Lean Process And Six Sigma workshop will provide an introduction to this way of thinking that has changed so many corporations in the world. This workshop will give participants an overview of the Six Sigma methodology, and some of the tools required to deploy Six Sigma in their own organizations.

### Course Outline

- Understanding Lean
- Liker's Toyota Way
- The TPS House
- The Five Principles of Lean Business
- The First Improvement Concept (Value)
- The Second Improvement Concept (Waste)
- The Third Improvement Concept (Variation)
- The Fourth Improvement Concept (Complexity)
- The Fifth Improvement Concept (Continuous improvement)
- The Improvement Toolkit

### Prerequisites

The candidate must have completed or be in the process of completing a high school or secondary school diploma or similar educational standards.

### Training methods

- Interactive facilitator lead learning
- Class activities
- Group discussions and case studies
- Practical sessions
- Question and answer sessions
- E-learning
- Role-plays
- Self-assessment tools

### Learning outcomes

Upon the completion of this Course, the learner will be able to:

- Develop a 360 degree view of Six Sigma and how it can be implemented in any organization.
- Identify the fundamentals of lean manufacturing, lean enterprise, and lean principles.
- Describe the key dimensions of quality – product features and freedom from deficiencies
- Develop attributes and value according to the Kano Model
- Use basic techniques such as DMAIC and how to identify Six Sigma Projects
- Use specific criteria to evaluate a project
- Discover root causes of a problem

### Course Duration

The standard duration of this course is 12 contact hours.

### Approvals & Accreditation

- Ministry of Labour, Kingdom of Bahrain
- HABC
- ILM

### Who Should Attend

Middle to high level staff such as:

- Administrators
- Managers
- Team Leaders
- Supervisors

For more information please feel free to contact:

Invita Training Center | P.O. Box 1197 | Manama | Kingdom of Bahrain  
Tel: +973 17 506000 | Fax: +973 15 500202 | info@invita.com.bh

