VICTORY
TRAINING & DEVELOPMENT INSTITUTE

Six Sigma Green Belt

Program Overview

Six Sigma Green Belt programme has been designed to teach Lean Six Sigma fundamentals and its application. It is intended for part time improvement team project leaders.

Trainees are trained and tested on their understanding and ability to apply the tools and techniques of all elements of the Lean Six Sigma DMAIC methodology. As part of the DMAIC methodology, Trainees are taught how to integrate Lean Six Sigma into an overall approach to process improvement and project management.

Learning Outcomes

On completion of the programme the learners are able to:

• Understand Lean Six Sigma and the DMAIC methodology
• Learn and apply skills in project management, process management, lean, change management, and basic statistical analysis
• Understand their role in a successful Lean Six Sigma deployment
• Properly scope, define and lead Lean Six Sigma projects
• Transition projects from phase to phase
• Close out projects upon completion
• Present projects to peers, managers and senior leadership
• Apply methods learned in the DMAIC process to business issues
• Apply basic statistical analysis to determine the relationship between key inputs and process outputs
• Characterize the equation $y = f(x)$
• Implement controls to sustain gains
• Effectively manage team dynamics
• Navigate statistical analysis software (SigmaXL or Minitab)

Prerequisites:	N\A
Lecturers:	VTDI Faculty
Deleviry:	English
Duration:	50 Hours
Fees:	BD 750/-
	Local Certificate

ACCREDITATION:

Lean six sigma standardization association- (USA)

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Who Should Attend?

Those seeking to achieve a thorough understanding of Six Sigma and a level of competence that will enable them to lead improvement activities.

Structure of the Program

NO	UNIT TITLE	CONTACT HOURS
1	Basic Quality Concepts	6 Hours
2	QC tools and statistical Analysis	6 Hours
3	Lean Management Overview	8 Hours
4	Understanding of Six Sigma DMAIC principles and methodology	12 Hours
5	Project Management Basics	8 Hours
6	8D method	10 Hours
Total:		**50 Hours**