

Lean Six Sigma Yellow Belt Instructor-Led Online Training (16 Hours)

Price: \$1,200 + GST (Includes Internal Examination & Completion Certification)

Objectives

- More in-depth knowledge of Lean and Six Sigma, and each of the five phases that are to be applied in practical terms.
- Provide a broad understanding of the Lean and Six Sigma improvement methodology, concepts, and language, along with a complete toolbox of basic process improvement methods.
- Designed to enhance technical problem-solving skills. Instruction is application focused, therefore requiring all participants to successfully support existing or new Lean and Six Sigma projects.
- Upon completion of this training, one will participate as a core team member or subject matter expert on a project or projects together with the supervisors/managers.

Departments

Business Process Improvement, Change Management, Continuous Improvement, Project Management, Industrial Engineering, Production Management, Quality Management, Logistics, Contract Department, Innovation Department, Commercial Department, Business Development, Strategic Planning, Human Resource, Finance & Others.

Who Should Attend

Chief Executive Officers, Managing Directors, Executive Officers, General Managers, Managers, Executives, Engineers and Continuous Improvement Specialists & Others.

Course Content

Session 1 (8 Hours)

Phase 1 (Online 9am – 1pm)

- Overview of Six Sigma – DMAIC & Lean PDCA
- DMAIC vs. Other Approaches, 7 Wastes TIMWOOD
- Cost of Poor Quality (COPQ)
- Understanding Project Charters and Prioritisation Tools

Phase 2 (Online 9am – 1pm)

- Root Cause Analysis (RCA) Tools
- Data Collection Techniques
- Basic Lean Enterprise, Lean Ways of Working
- Workshop Sessions & Video Analysis
- Basic Statistics and Graphical Analysis using Minitab Software



Session 2 (8 Hours)

Phase 3 (Online 9am – 1pm)

- Fishbone Diagrams with creating C&E Matrix
- Process Flow Charts / SwimLane Diagrams
- Understanding Value Added (VA) and Non-Value-Added Activities (NVA)
- Types of Statistical Analysis (Quantitative & Qualitative)
- Workshop Sessions – 7QC Tools, RCA Tools
- Generating Improvement Ideas

Phase 4 (Online 9am – 1pm)

- Poke – Yoke (Mistake Proofing) with Lean Tools
- Running Pilot Six Sigma Programmes
- Solutions Implementation Plan
- Understanding Statistical Process Control
- Establishing Control Plans
- SOP & Documentation
- Final Review of Yellow Belt Session

