

IASSC® Certified Lean Six Sigma Yellow Belt™

Course Duration: 32 Hours (4 Days)

Overview

The Lean Six Sigma Yellow Belt course is designed to provide learners with a solid foundation in the basic principles of Lean and Six Sigma methodologies. It's a Professional Development program aimed at individuals who wish to understand the core concepts of process improvement, Quality Management, and Operational excellence. Module 1: Define Phase sets the stage, introducing Six Sigma and its importance, covering the fundamentals, and teaching how to select appropriate projects and identify elements of waste. This module concludes with actionable steps to apply the knowledge gained. Module 2: Measure Phase delves into Quantifying processes, discovering their intricacies, applying statistics, analyzing measurement systems, evaluating process capability, and ends with a summary and action items. Module 3: Control Phase ensures learners know how to sustain improvements through Lean controls, Defect controls, and the use of Statistical Process Control (SPC). It culminates with the creation of Six Sigma Control Plans. Upon completion, participants will be equipped to contribute to Lean Six Sigma projects, fostering Continuous improvement within their organizations.

Audience Profile

The Lean Six Sigma Yellow Belt course is designed for professionals seeking to improve business processes and performance.

- Quality Assurance Managers
- Process Improvement Consultants
- Continuous Improvement Specialists
- Operations Managers
- Production Supervisors
- Project Managers/Team Leaders
- Management Professionals seeking process optimization skills
- Business Analysts
- Professionals aiming to enhance their data-driven problem-solving abilities
- Entry-level employees in manufacturing or service industries looking to understand Six Sigma principles
- Individuals preparing for higher-level Six Sigma certifications

Course Syllabus

- Certainly! For the Lean Six Sigma Yellow Belt course, participants should ideally meet the following minimum prerequisites to ensure they can successfully undertake and benefit from the training:
- A basic understanding of business processes and performance improvement concepts.
- Familiarity with basic mathematical concepts and statistical thinking.
- An open mindset and willingness to learn new problem-solving and process improvement techniques.
- No prior experience with Six Sigma or Lean methodologies is required, making this course suitable for beginners.

- Basic proficiency with Microsoft Office or equivalent software, particularly for creating documents and presentations, may be helpful for completing Action Items.
- Ability to dedicate time for the course duration to attend lessons and complete any assigned tasks or readings.
- These prerequisites are designed to set the foundation for a productive learning experience in the Lean Six Sigma Yellow Belt course without being overly restrictive or daunting for potential learners.

Lean Six Sigma Yellow Belt

Define Phase

- Understanding Six Sigma
- Six Sigma Fundamentals
- Selecting Projects
- Elements of Waste
- Wrap Up and Action Items

Measure Phase

- Welcome to Measure
- Process Discovery
- Six Sigma Statistics
- Measurement System Analysis
- Process Capability
- Wrap Up and Action Items

Control Phase

- Welcome to Control
- Lean Controls
- Defect Controls
- Statistical Process Control (SPC)
- Six Sigma Control Plans.