

LEARN SIX SIGMA CERTIFICATE COURSE

Course Overview

In this course, you'll explore the Lean Six Sigma Green Belt Training which is a comprehensive program designed to equip participants with the knowledge and skills needed to effectively contribute to process improvement initiatives within their organizations. This course focuses on the principles and methodologies of Lean Six Sigma, providing participants with the tools to analyze, improve, and optimize processes. It is a comprehensive preparation for the Lean Six Sigma Green Belt certification.

Course Outline

1. Introduction to Lean Six Sigma:
 - Overview of Lean and Six Sigma methodologies
 - Integration of Lean and Six Sigma principles
2. Define Phase:
 - Defining project goals and scope
 - Identifying stakeholders and creating project charters
3. Measure Phase:
 - Measurement system analysis
 - Data collection techniques
 - Process mapping and analysis
4. Analyze Phase:
 - Root cause analysis
 - Statistical tools and techniques
 - Hypothesis testing
5. Improve Phase:
 - Generating and selecting solutions
 - Designing and implementing process improvements
 - Piloting and validating solutions
6. Control Phase:
 - Implementing control plans
 - Monitoring and sustaining improvements
 - Closing out improvement projects
7. Lean Principles and Tools:
 - Overview of Lean concepts
 - Value stream mapping
 - 5S methodology
8. Project Management in Lean Six Sigma:
 - Project selection and prioritization
 - Team dynamics and leadership in improvement projects



Methodology:

- Instructor-led training sessions
- Group discussions and case studies
- Interactive workshops and exercises
- Mock exams and quizzes

Who should attend?

Quality professionals, Process improvement teams, Project managers, Individuals seeking proficiency in Lean Six Sigma methodologies.

Which industry needs Lean Six Sigma?

Information Technology (IT), Finance and Banking, Healthcare, Manufacturing, Retail and E-commerce, Telecommunications, Consulting, Government and Public Sector, Education, Energy and Utilities

Certified Lean Six Sigma Certification

Lean Six Sigma certifications typically involve different levels such as White Belt, Green Belt, Black Belt, and Master Black Belt. Completion of a Lean Six Sigma Belts training program is typically a prerequisite for taking the exam.

What are the Exam Details?

PMP Certification exam pattern:

- Exam Duration - 4 hours
- Exam Pattern - 150 multiple-choice questions
- It is a competency based.