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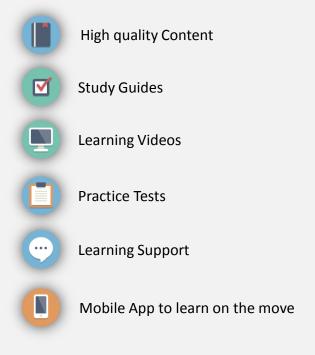
Six Sigma Green Belt (SSGB)

High quality content available in E-Learning format to enable you to learn at your place and at your pace helping you, always stays in the forefront of trends in a continually evolving business world!

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WHY Lean Six Sigma Training Ltd?



LEAN SIX SIGMA TRAINING LTD

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UK Registered Company number: 09261059 Reg.

Office: The Quadrus Centre, Woodstock Way Boldon Business Park Tyne and Wear NE35 9PF

E-LEARNING COURSE

Course Overview

Six Sigma Green Belt course focuses on providing students with an understanding of the various Six Sigma tools and techniques useful to improve the production process and minimize defects in the end product with a greater focus on the practical implementation of these tool and techniques in the organization.

Students can benefit from this course by enabling themselves,

- → With the knowledge needed for production process improvement in their organizations and to help their organizations adopt the Six Sigma methodology.
- → To identify, anticipate and work to resolve issues related to the practical implementation of Six Sigma.
- → With superior problem solving skills that can be immediately applied in real world projects.

CERTIFICATION

Applicants will be awarded the Six Sigma Green Belt (SSGB) certificate by 6Sigmastudy upon successfully passing the certification exam, which is a 2 hour online multiple choice exam. Exams are administered by 6Sigmastudy and Need to schedule the exam in advance using the membership account or taken at a time convenient to you. The cost of exam is included in the course fee (2 free re-takes included)

WHO SHOULD ATTEND?

This course is highly recommended for employees and organizations requiring a standardized approach to problem solving for the purpose of continuous improvement in Quality Management.

PREREQUISITE

There is no formal prerequisite for this certification. However, it is recommended that the students undertake the FREE Six Sigma Yellow Belt (SSYB) Course to better understand the concepts required to be certified in Six Sigma Green Belt (SSGB) certification exam.

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Six Sigma Green Belt (SSGB)

E-LEARNING COURSE

Expected Learning Outcomes

- Identify project selection and evaluation criteria
- Plan and execute Six Sigma projects
- Form and effectively lead a Six Sigma project team
- Apply DMAIC (Define, Measure, Analyze, Improve, and Control) and various Six Sigma tools in process and quality improvement
- Assess and manage project risk
- Significantly increase profitability through Six Sigma projects
- Avoid pitfalls in implementing Six Sigma
- Integrate and enhance innovation and problem solving skills

Syllabus

Introduction to Six Sigma

- History of Quality (Deming, Juran, JIT, Ishikawa, Taguchi, and more.)
- Evolution of Six Sigma
- Defining Six Sigma philosophy and objectives
- Overview of Six Sigma DMAIC process

Stakeholders and Setting up a Six Sigma Project

- Identifying and documenting stakeholder requirements
- Project Selection Criteria
- Project Planning
- Managing Team Dynamics
- Important project management and planning tools

Six Sigma Methodology – Define

- Inputs Need for six sigma project, executive management sponsorship, core team identified
- Tools
- Outputs

Six Sigma Methodology – Measure

- Objectives of Measure Phase
- Inputs the outputs of the Define phase
- Tools
- Outputs

Six Sigma Methodology – Analyze

- Objectives of Analyze Phase
- Inputs outputs of the Measure phase
- Tools
- Outputs

Six Sigma Methodology – Improve

- Objectives of Improve Phase
- Inputs outputs of the Analyze phase
- Tools
- Outputs

Six Sigma Methodology – Control

- Objectives of Control Phase
- Inputs outputs of the Improve Phase
- Tools
- Outputs

Role play covering a six sigma project - A realworld based role-play for delivering a practical understanding to the students

Case Study Evaluation