

Lean Six Sigma Green / Black Belt Course Book



Lean Six Sigma Green / Black Belt Training

Define Phase Course Book Outline

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On Line Course Outline

- *Introduction to Lean Six Sigma*
 - 3 Quizzes, 1 Exam
- *DMAIC Improvement Process*
 - 5 Quizzes, 1 Exam
- *Success Story Examples*
 - Final Exam for Introduction to LSS and DMAIC Improvement Process
- *The Sailboat Simulation*
 - 1 Exam
- *Certification Requirements*
 - 2 Quizzes
- *Define Phase Overview*
- *Defining a Lean Six Sigma Project*
 - Project Charter
 - 1 Quiz
 - Exercise: Build your LSS Project's Charter
 - Communication Planning
 - Exercise: Build your LSS Project's Support Scale
 - Exercise: Build your LSS Project's Communication Plan
 - Quality Costs and the Business Case
 - Exercise: Define your LSS Project's Business Case
 - SIPOC Process Map
 - Exercise: Build your LSS Project's SIPOC Process Map
 - Purchasing Case Study
 - Exam for Defining a Lean Six Sigma Project

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- *Voice of the Customer (VOC)*
 - VOC Data Collection Plan
 - Exercise: Build your LSS Project's VOC Data Collection Plan
 - Affinity Diagrams
 - Kano Model
 - 1 Quiz
 - Critical to Quality Requirements (CTQ Tree)
 - Exercise: Build your LSS Project's CTQ Tree
- *Process Mapping*
 - Process Mapping Basics
 - 1 Quiz
 - Value Stream Mapping
 - Deployment Process Mapping
 - Process Activity Analysis
 - Exercise: Build your LSS Project's Current State Process Map
 - Exercise: Conduct a Process Activity Analysis on your Current State Process Map
- *Managing Your Lean Six Sigma Project*
 - Teamwork and Conducting Effective Meetings
 - 1 Quiz
 - Project Management
 - Exercise: Build your LSS Project's Deliverables Plan Gantt Chart
 - Define Phase Review
- *Final Exam for Lean Six Sigma Define Phase Course*