

Intro to Lean Six Sigma

GoSkills online course syllabus

Saturday, November 27, 2021

Skill level	Lessons	Pre-requisites
Basic - Advanced	7	None
Video duration	Estimated study time	Instructor
35m	3h	Ray Sheen

Intro to Lean Six Sigma

- ### 1 Introduction

Here's a quick rundown of what we'll cover in each lesson within our course, Introduction to Lean Six Sigma.
- ### 2 History of Continuous Improvement

Lean Six Sigma is a proven business process improvement methodology that builds on the best practices and experiences of earlier approaches. It combines best practices around customer focus, empowered teams, process definition, and data analysis.
- ### 3 Six Sigma Principles

The Six Sigma methodology seeks to reduce and ultimately eliminate variation within a process. It applies a five-phase project management approach and uses the standard deviation (sigma) as the controlling attribute for the process.
- ### 4 Lean Principles

The Lean methodology seeks to reduce and ultimately eliminate waste within a process. It applies a five part approach and uses flow control as the optimizing principle for the process.
- ### 5 Lean and Six Sigma

Lean and Six Sigma are easily blended. They have many similarities in methodology – process focused, team based, and project management. The differences, analyzing quality data versus flow data, are complementary and together provide a balanced view of the process.
- ### 6 Project Phases

The Lean Six Sigma methodology relies on a five-phased project management methodology. The phases Define, Measure, Analyze, Improve, and Control provide structure to the project.
- ### 7 Project Deliverables

The Lean Six Sigma methodology has defined a set of deliverables that should be prepared during each of the five project phases. These deliverables will guide a project team through the improvement process in an orderly and logical manner.