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Lean Management Course

Email Contact: info@educba.com



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Course Overview

In this Course you get to learn:

You get to learn Lean management principles and its implementation and understand tools and techniques of lean manufacturing, total productive maintenance. We shall cover Lean Six Sigma for Champions, Lean Manufacturing System, Waste Reduction Tools, Lean Six Sigma Green Belt and TQM Applicability in Industries.

Lean Management Skill

You get to learn about the below skills:

You will learn the basic principles of Lean operations and their implementation.

After completion, of course, you will be able to identify waste in production systems and the tools for eliminating waste and making processes better and more effective.

You will be able to manage people through change

You will become a great quality leader

You will gain Project management skills, critical thinking skills, Analytical skills,

Course Features



Course Duration -
29+hours



Number of Courses



Verifiable
Certificates



Lifetime Access



Technical
Excellence

About Lean Management

Lean management is either an organization-wide or department-wide approach that supports the ideology of continuous reform, provides value from the customer's perspective, and the elimination of waste.

Lean management is a long-term approach that works in a very systematic way, whose purpose is to achieve success in units and implement small and incremental changes in various processes and workflow.

Lean Management Course

This is a Bundle Course that includes complete in-depth Lean Management Combined into one course.

This Bundle perfectly meets the requisite of the industry and gives you a better chance of being hired as Lean Management Training Course professional.

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Lean Six Sigma for Champions

Section 1. Recognize Phase

- Change Management
- DFSS DMADV
- Lean Management
- Recognize phase
- Change Management

Section 2. CONTROL Phase

- Control Phase

Section 3. IMPROVE Phase

- IMPROVE
- Improve Phase

Section 4. Analyze Phase

- Analyze

Section 5. Measure Phase

- MSA Introduction
- Data collection Plan and Define As is
- Case Study
- different types of distribution
- Measures of Central tendency Spread
Concept of Shape
- Data types Population & Samples
- Opening lines on Measure phase Data types

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Lean Six Sigma for Champions

Section 6 . Tools applicable to DEFINE Phase

- SIPOC Process map continues
- Pugh Matrix Affinity diagram Pareto
- SIPOC Process map
- EVA TOC VOC C and E Matrix
- Pugh Matrix Affinity diagram Pareto
Charts Tree diagram
- Balanced Score Card ABC

Section 7 . DEFINE PHASE

- Define

Section 8 . Overview of Lean Six Sigma

- Introduction to Lean Six Sigma
- Overview of the course

Section 1. Lean Manufacturing System- SMED, JIT

- Elements of JIT system
- Introduction to value stream mapping
- Principles and Symbols
- More on Value stream mapping
- Steps 4, 5, 6 & 7 in SMED
- Introduction to SMED
- Steps 1, 2 & 3 in SMED
- Kanban production control system
- Example on Kanban system
- Benefits & Implementation of JIT

Section 2. Lean Manufacturing System- Tools and Techniques

- Lean Tools & SEISO, SEIKETSU and SHITSUKE
- Lean Tool- SEITON
- Introduction to Lean Manufacturing System
- Types of Lean tools
- Steps of lean implementation

Section 3. Total Productive Maintenance (TPM)

- TPM Introduction
- Types of Maintenance
- Overall equipment efficiency
- Pillars of TPM
- Quality Maintenance Pillar
- Safety, Health and Environment Pillar

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Waste Reduction Tools

Section 1 . Lean - Waste Reduction Tools

- Lean Tools 5S
- Lean Tools 5S - Seiso, Seiketsu, Shitsuke
- Pictorial form of 5s Concepts, KAIZEN
- Visual Management, Standardization, Poka Yoke, Pull System
- Pull System, Lean Formula, Benefits of Lean

Section 2 . What is Lean?

- What is Lean
- Examples on Lean
- Lean types of Activities
- Value Concept
- Value Addition Concept
- Definition of Lean
- Concept of Productivity

Section 3 . Concept of Wastes

- Waste of Motion
- Understanding Wastes
- Concept of Wastes
- Overproduction Wastes
- Transportation Wastes
- Waste of Waiting
- More on Waste of Waiting
- Wastage of Defects

Section 4 .

- Control Phase

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Lean Six Sigma Green Belt Certification

Section 1 . Lean - Introduction

- Introduction - Till Measure
- Introduction - Till Change Management

Section 2 . Basic Concepts and Terminologies

- Six Sigma Team Formation
- Introduction To Define
- VOC - Voice of Customer
- QFD - Quality Functional Deployment
- Define Tools
- Project Charter

Section 3 . Lean Six Sigma Green Belt

- Waste of Motion
- Understanding Wastes
- Concept of Wastes
- Overproduction Wastes
- Transportation Wastes
- Waste of Waiting
- More on Waste of Waiting
- Wastage of Defects

Section 4 . Measure

- Measure - MSA
- Measure

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Lean Six Sigma Green Belt Certification

Section 5 . Analyze

- Analyze

Section 6 . Improve & Control

- Improve & Control

Section 1. Six Sigma in TQM

- Six Sigma Introduction
- Six Sigma acceptance and DPMO from 1 to 6 sigma levels
- Six Sigma (Areas of Improvement and values of 6sigma Organizations)
- Six Sigma hierarchy of experts
- Six Sigma Challenges and Rewards
- Six

Section 2. Quality Improvement Techniques in TQM

- Quality Improvement Techniques- Histogram
- Quality Improvement Techniques- Brainstorming
- Quality Improvement Techniques- Run Charts
- Quality Improvement Techniques- Scatter Plots
- Quality Improvement Techniques- Ishikawa Diagrams

Section 3. Statistical Process Control in TQM

- Statistical process Control
- Statistical Process Control-4(R Charts, Interpretation)
- Statistical Process Control- 3(Control Charts for variables)
- Statistical Process Control

Section 4 . Continous Process improvement in TQM

- Performance Measures
- Supplier Partnership (Rating & relationship development with the suppliers)
- Supplier Partnership (Partnering & Criteria to select suppliers)
- Supplier Partnership

Section 5 . Employee involvement in TQM

- Employee Involvement

Section 6 . TQM Activity & Customer Satisfaction

- Statistical process Control
- Statistical Process Control (R Charts, Interpretation)
- Statistical Process Control- 3 (Control Charts for variables)
- Statistical Process Control

Section 7 . Quality Philosophies

- Jurantrilogy
- Deming Philosophy
- Continuation of Juran Trilogy
- Juran Trilogy
- Theory of Knowledge
- Continuation of Deming Philosophy and other

Section 8 . Overview of Total Quality Management

- Employee Involvement

Section 9. TQM Tools

- Benchmarking
- TQM Tools TPM
- Benchmarking
- TQM Tools QFD
- TQM Tools FMEA

Section 10 . Lean Principles in TQM

- Quality Improvement Systems-
Kaizen
- Lean Principles

Section 11 .Quality Circles in TQM

- POKA YOKE
- Quality Circles



Frequently Asked Questions

Why should I do this Lean Management course?

Because there's no better Lean management course you would find in the market. If you're willing to learn Lean Management, your search ends here.

I'm a quality analyst working at an MNC. Can I do this Lean management course?

Yes, you can. In fact, this course is highly recommended. If you want to help your company with quality and or want to start your own business, you must do this lean management certification course.



Customer Reviews

“

I really am starting to appreciate the Lean Six Sigma courses more and more with each course. What I like best is the review at the beginning of each course. Also I like that there is plenty of verbiage throughout the course. This allows me to pause and turn of the audio and read and take notes and really digest the material.

Shane McFarland

”

Excellent lean management course!!! The instructor has explained all the important concepts and features of Lean Six Sigma in a systematic way. This course is very informative on Lean Six Sigma Process, Tools and Techniques. The orientation of graphic diagrams and examples is key to understand it in a correct way. I recommend this course to others who want to take Lean Six

Sigma Green Belt

Jos Ignacio Maestre Morales



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Lean Management Course

For Queries please contact:

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