

# Course : Tools for a successful Lean project

*Practical course - 3d - 21h00 - Ref. LEO*

*Price : 1560 € E.T.*

Lean management seeks performance through continuous improvement, notably by simplifying processes and reducing waste. The aim of this training course is to introduce you to the techniques of [[Lean management]]. You will learn about the main tools for implementing and optimizing this approach.

## Teaching objectives

**At the end of the training, the participant will be able to:**

- ✓ Understanding the benefits of Lean management
- ✓ Distinguish between the various Lean tools and their benefits
- ✓ Apply the appropriate Lean tools to the situation
- ✓ Take into account the obstacles and limits to the approach

## Intended audience

Company directors, managers, engineers or not, involved in a flow project or a Lean approach.

## Prerequisites

Management experience required.

## Course schedule

### 1 Understanding the spirit of Lean

- Definition of Lean Management.
- The Lean approach in the historical context of management.
- Lean Management philosophy.
- The principle of added value for the customer.

### Exercise

Lean questionnaire.

## PARTICIPANTS

Company directors, managers, engineers or not, involved in a flow project or a Lean approach.

## PREREQUISITES

Management experience required.

## TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

## ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more.

Participants also complete a placement test before and after the course to measure the skills they've developed.

## 2 Declinations of Lean Management

- Lean production (or lean manufacturing) for optimizing production sectors.
- Optimize new product development with Lean Development.
- Lean Administration to optimize other non-productive sectors.

## 3 The main tools used by Lean management

- The 5S approach to eliminating the causes of many small problems that lead to inefficiencies.
- VSM (Value Stream Mapping) to define the challenges and priority actions of an implementation plan.
- Visualization for real-time transparency of results, to improve responsiveness to problems.

### Exercise

5S simulation game to illustrate the different stages of a 5S worksite in a fun way.

## 4 Lean development

- Lean development objectives.
- Customer satisfaction.
- Optimizing new product development processes.
- Tools: Design to Cost and standardization.

### Exercise

Example of Lean development implementation.

## 5 Lean Production

- The main aim of Lean Production (Manufacturing).
- The company's productive resources.
- Tools: Takttime, SMED, TPM, Flow Hoshin, Kanban, UAP/UET.

### Exercise

The "SMED" simulation game is a fun way of illustrating the different stages of a SMED project.

## 6 Lean Administration

- Objectives and approach.
- Administrative processes.
- The VSM tool applied to information flow.

### Exercise

Example of VSM tool application.

## 7 Conclusion

- The Lean approach: a cultural revolution that requires a rethink of managerial relations.
- The strengths and limitations of the Lean approach.
- An essential step in the evolution towards new emerging management methods.

### TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

### TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

### ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.

