

# Course : Lean Six Sigma®, Champion

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

*Price : 1590 € E.T.*

Lean Six-Sigma® Champions are high-level executives or managers who monitor the execution of improvement projects. This training course will provide them with the knowledge they need to effectively develop the Lean Six-Sigma® methodology and guarantee the achievement of management objectives.

## Intended audience

Project managers, decision-makers, business managers, process managers and consultants who need to deploy Lean Six Sigma® in their organization.

## Prerequisites

No special knowledge required.

## Course schedule

### 1 Introduction

- History of Lean Six Sigma®.
- Definitions (6 Sigma scale, variability, etc.).
- Ownership of the process.
- The cost of poor quality (lost sales, lost credibility).
- Profitability of a Lean Six Sigma® project.

#### Storyboarding workshops

Examples of the cost of poor quality.

### 2 Lean Six Sigma® principles

- Areas of waste: overproduction, waiting, use of resources, storage, errors, transport.
- Value Stream Analysis.
- 5S principles (Seiri-débarrasser, Seiton-ranger, Seiso-nettoyer, Seiketsu-ordre, Shitsuke-rigueur).
- Poka-Yoke methods, avoiding mistakes.

#### Group discussion

Using an example, identify defects at different stages of a process that could affect product quality.

## PARTICIPANTS

Project managers, decision-makers, business managers, process managers and consultants who need to deploy Lean Six Sigma® in their organization.

## PREREQUISITES

No special knowledge 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.

### 3 DMAIC, Lean Six Sigma® phases

- Define phase. Organization (resources, roles, milestones, etc.). Champion's project sheet, model and examples.
- Measuring phase. Lean Six Sigma® indicators. Choose the variables to be taken into account when building them.
- Analysis phase. Identify the causes of poor performance to improve processes. Analysis tools.
- Improve phase. Choose solutions and define the organization to implement them.
- Control phase. Document and develop the quality plan.

#### Case study

Use a case study to identify the causes of problems, measure and analyze them. Propose an objective and seek solutions.

### 4 Champions' responsibilities

- Change management, change support, definition of training courses.
- Project definition and selection. Proposed tools.
- Project progress monitoring.
- Communication with stakeholders.
- Team management and motivation.
- Review project successes and failures, and deploy best practices.

#### Hands-on work

Presentation and implementation of deployment leader tools.

#### 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](mailto:psh-accueil@orsys.fr) to review your request and its feasibility.