Course : Lean Six Sigma®, Yellow Belt: Certification

Practical course - 4d - 28h00 - Ref. LLB
Price : 2930 CHF E.T.

3,9 / 5

BEST

Certification

Training given in French. Certification exam in English. At the end of this course, the trainees will take the exam for IASSC Certified Lean Six Sigma® Yellow Belt certification.

Course schedule

1 Introducing Six Sigma®

- Lean Six Sigma®, objectives. Application areas. The different roles. Role of the Yellow Belt.
- DMAIC (Define, Measure, Analyze, Improve & Control) presentation.
- The "Define" phase . Relationship between variation and Sigma.
- Concepts and implementation of Six Sigma® models.

Storyboarding workshops
The roles and responsibilities in the Six Sigma® organization.

2 Six Sigma® fundamentals

- The "Process Focus" description. Importance of VOC, VOB, VOE and CTQ. The low quality cost (COPQ).
- How to generate a process map. Six Sigma® basic metrics . FTY and RTY, DPU and DPMO ...

Hands-on work
Develop metrics.

3 Strategic projects selection

- How to use a structured approach to project selection.
- Defining the project in a clear project charter.
- How to perform an initial estimation of project benefits.

Case study
Estimated project profit.

PARTICIPANTS

PREREQUISITES

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.

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

4 The different types of waste

- Specific deliverables of the methodology.
- Design the project roadmap.
- How to apply the methodology throughout the project.

5 "Measure" phase presentation

- "Discovery Process" introduction. Global map of the process. Diagrams: Ishikawa, X-Y.
- Elements of an FMEA (Failure Mode Effect Analysis). Statistics used in Six Sigma®.
- Characteristics of a normal distribution. Normality test.
- Difference between a special cause and common cause of variation.
- Data graphs. MSA (Measurement System Analysis). Estimate the capacity of the process.
- How to describe the non-normal data impact analysis. Estimate the capacity of attribute data.

6 "Control" phase presentation

- Lean controls, tools description. Defects control, prevention methods.
- Reducing variations. SPC (Statistical Process Control). SPC chart elements. Objectives.
- Implementation methodology of a control board.
- Sampling frequency. Selection of monitoring graphs. Handling of related graphs and calculations.

Group discussion
How Lean tools help elimination and defect prevention and the achievement of project objectives ? How do they depend on each other ?

7 Preparation and Certification

- Reminders and instructions of the examiner.
- Examination : MCQ 50 questions.
- Duration : 90 minutes.

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.

Dates and locations

REMOTE CLASS
2026 : 31 Mar., 31 Mar., 19 May, 16 June,
16 June, 8 Sep., 8 Sep., 6 Oct., 24 Nov., 24 Nov.,
15 Dec.