

Training Objectives

- ★ Apply the DMAIC (Define, Measure, Analyze, Innovate, Control) problem-solving approach.
- ★ Know the standardization and automation tools
- ★ Carry out visual management actions
- ★ Know the differences between push and pull flow.
- ★ Master the tools of production smoothing
- ★ Know how to make a flow map
- ★ Manage Yellow Belt

Teaching methods: 100% online training. One virtual classroom/week, virtual business simulation, mini-games, videos and quizzes.

Prerequisites: 2 years of professional experience. Internet access and compatible browser (Chrome or Firefox)

Evaluation & success: Yellow Belt Lean Certification. Final MCQ online with CESI Certification (50 questions).

Accessibility: the training is accessible to people with disabilities. Contact us so that we can adapt your training.

1 590€ VAT excl.

TRAINING DATES

Intra-company group

min 8 people : custom dates

The training dates are up to you and your company schedule.

Contact us for more information

contact@seven-shapes.com

26 hours of training
over **8 weeks**

*Possibility to adapt the pace
for our companies*

Week 1 : Define your Lean project (~3 hours)

- ★ Virtual class
- ★ Positioning Quiz
 - The philosophy of Lean Management
 - Manage your Lean project with the DMAIC method
 - Value Added Value and Non Value Added
 - Simple diagnostic tools: The 7 wastes, the Gemba Walk, the indicators, the dashboard
 - Implementing the 5S
 - Project management: SMART goals, project scoping, building the right team, managing risks
- ★ Quiz : The basics of Lean and the definition of a project
- ★ Virtual class : Project scoping, SMART objective, etc.

Week 2 : Measure and analyze the current performance .(~3 hours)

- Make the right diagnosis
- Advanced diagnostic tools: VSM, Spaghetti Flow, Relocation, Logistician assignment
- OEE & GEE
- Others diagnostic tools : 4W1H, Ishikawa & 5 WHYS
- Kanban
- Poka Yoke
- ★ Quiz : Measure and analyze flow performance
- ★ Virtual class: complements to the notions of the week

Week 3 : innovating to achieve objectives (~3 hours)

- Little's Law and the Theory of Constraints
- Leading a Kaizen project and example
- Batch size and Work-In-Process (WIP)
- Application of all the notions from the beginning of the training
- Example of a performance project
- ★ Quiz : Initiate improvements projects
- ★ Virtual class : use the DMAIC method

Week 4 : Control that the performance is sustainable (~4 hours)

- Involve your staff
- Creativity and constraints
- Basics of visual management
- Difficult challenges
- ★ Quiz : Controle and sustain performance
- ★ Yellow Belt 50 questions quiz
- ★ Virtual class : complements to the notions of the week

Week 5 : Take into account the customer's request (~3 hours)

- Queueing Management Tool
- Customer order
- VSM information and calculations
- OEE, GEE and Takt Time calculations
- ★ Quiz : Constraints related to customer orders
- ★ Quiz VSM
- ★ Virtual class : ABC/Fmr, VSM, Takt Time et cycle efficiency

Week 6 : Controlling the product mix (~3 hours)

- Kanban : How it works
- SMED, TPM and EPEI
- Product mix and changeover planning
- Difficult challenges
- ★ Quiz : Tools and methods linked to product mix
- ★ Virtual class : the 7+1 questions of the VSM, Autonomous Production Unit

Week 7 : Set up a Lean management and logistic rounds (~3 hours)

- Lean and logistics control tools
- Kaizen meetings
- Provision of components and quality control tools
- Challenges: find solutions to different problems in a factory
- ★ Quiz : Green Belt certification preparation
- ★ Virtual class : Heijunka box, milkman system and kitting

Week 8 : Preparation week - Green Belt certification

- Challenges: find solutions to different problems in a factory
- Revision tools: virtual classes slides, cheat sheets
- ★ Quiz : Green Belt 50 questions quiz
- ★ Virtual class : Challenge debriefing and questions/certification

Contact :

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