

## Lean Six Sigma Black-Belt Upgrade with Exams



During the training, you'll learn how to successfully apply the proven Six-Sigma methods in combination with Lean management, change management, and project management. You'll also find out how to sustainably improve the process performance in your company.

You'll discover how to **identify gaps in performance, purposefully engage in your company's process landscape, set priorities, and effectively implement organizational changes** that are associated with process improvements.

### Content

- Introduction to process and quality management with Lean and Six Sigma
- Determination of process maturity in companies
- Management techniques to identify and select promising company projects
- Use of the Six-Sigma-DMAIC methods to solve complex process problems in the company
- Application of extensive, in-depth statistical analyses to understand and reduce process deviations
  - Hypothesis tests, multivariable analyses, Design of Experiment
  - Analysis of abnormally distributed data
  - Control charts for discrete and continuous data
  - Use of Minitab® statistics software and/or SigmaXL®
- Application possibilities for Robotic Process Automation (RPA), Agile methods (SCRUM)
- Managing changes within the company (change management)
  - Preparing changes: mobilizing the will for change
  - Accompanying changes: understanding and controlling the team-building process, communication, conflict management
  - Stabilizing changes: coaching and knowledge transfer, definition of roles and responsibilities

### Lean & Six-Sigma-Black-Belt exam

- Concludes with a 90-minute multiple-choice test (exam)
- The exam fees are included in the price.

### *OPTIONAL: Certification as a Lean and Six-Sigma Black Belt*

- The practical application of DMAIC methodology in two separate projects is required for certification as a Lean and Six-Sigma Black Belt. The Green-Belt certification project can be credited.
- Upon request, we offer coaching with milestone acceptances and final approval with your management.
- The "Lean & Six-Sigma-Black-Belt" certificate will be issued after submission of the certification projects with project documentation, and successful presentation in front of a Master Black Belt.
- Price on request

### Target group

The training is aimed at qualified Lean Six-Sigma Green Belts, who have ideally gained initial experience in several Lean and Six-Sigma-Green-Belt projects.

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### Further Information

- Training language: German or English
- Duration: 8 days, divided into 2 blocks
- Price: EUR 5,950 (plus VAT)
- Participants: 3 – 12 people
- Location: PROCISE, Frankfurt or as in-house training upon request

### Dates:

Sep. 02 - Sep. 05, 2019 / Sep. 16 - Sep. 19, 2019: [register now](#)

Nov. 18 - Nov. 21, 2019 / Dec. 02 - Dec. 05, 2019: [register now](#)

### Registration & questions

We are happy to be available on + 49 69 24 24 06 60 to personally answer any questions.  
Or send us an e-mail c/o [training@procise.com](mailto:training@procise.com).