

Lean Six Sigma Education

Black Belt Certification Training

Lean Six Sigma DMAIC is a structured problem solving methodology to run improvement projects. It is a proven approach to turn problems into viable solutions that work, are successfully implemented and generate a measurable impact that is sustained.

Six Sigma and Lean Management are nowadays common methodologies used to run improvement projects by many organizations around the globe. Professionals from any function and industry successfully practice Lean Six Sigma. Lean Six Sigma Black Belts are globally recognised as highly skilled project managers who deliver through their projects sustainable results that matter to customers and their companies. Black Belt projects are frequently cross-functional, and result often in savings or other financial gains of several hundred thousand Euros per project.

Why to Participate:

- Create value for customers and process improvements with bottom-line financial results
- Build trust and passion for project teamwork and improvements in your organization
- Master a structured problem solving approach with intermediate problem solving tools and methods
- Deliver successful projects, and see sustained improvements long after the project closure
- Advance your project and program management competencies
- Prepare for your Lean Six Sigma Belt Belt certification



***Learn from experienced certified Master Black Belts
with decades of real-life Lean Six Sigma experience
at global organisations from various sectors and different regions***

Learning Objectives:

- Learn how to generate sustainable improvements with bottom-line results
- Understand differences and similarities between Lean and Six Sigma
- Master a structured problem solving methodology (DMAIC) with many effective tools and methods to run your cross-functional improvement projects
- Analyse data in Minitab, a statistical software with multiple intermediate and advanced analytical methods
- Get ready for your Black Belt project
- Pass the Lean Six Sigma Black Belt exam, and prepare for the certification

Agenda in Nutshell:

- Introduction
- Lean Six Sigma and DMAIC
- Define, scope and staff projects to set them up for a success
- Lead high performance project teams
- Identify and evaluate needs of your customers and other key stakeholders
- Map, analyze and improve processes
- Data collection and analytical methods to evaluate problems, and to validate potential and implemented solutions
- Develop and implement solutions that work and are accepted
- Deliver measurable impact from your projects, incl. financial benefits
- Sustain improvements over time

Typical Participants:

Professionals at all levels in the organisation who:

- lead or will lead rather complex process improvement projects or programs
- full-time project managers

Prerequisites:

- PC users
- Analytical competence
- Skilled in MS Excel and PowerPoint or equivalent softwares
- Project management experience or potential
- We strongly recommend that course participants come to the training with an actual project idea to work on. This allows you to apply learnings from the training on real work situations already throughout your Black Belt education.

"He who would search for pearls must dive below."

– John Dryden

Formats:



Public courses (visit www.CI4e.com for more information on dates and locations)



In-house course at your site



Individual one-to-one session

Business Excellence Academy:

We bring to the table practical hands-on methods and approaches. Together with our clients, we grow, innovate and improve their businesses and competencies. As a result, our clients deliver greater value to customers, company owners, employees and other key stakeholders.

Duration:

15 days
(three blocks of
five days each)

Language:

The course can be
delivered in English,
German or in the Czech
language

Certification:

Generally certifications are
accomplished within 18
months since the last training
date

Coaching:

Coaching sessions are one-on-one discussion with an experienced Master Black Belt (MBB). The MBB becomes your coach and mentor in regards to application of Lean Six Sigma in real word situations. He or she will assist you to apply the Lean Six Sigma methodology on your Black Belt project. The coaching sessions take place remotely or in the form of face-to-face meetings.

Black Belt Certification:

Lean Six Sigma Black Belt certification is highly valued on the current market. Participation on the Black Belt course together with a Black Belt exam belong to Lean Six Sigma certification requirements. The Business Excellence Academy Black Belt courses are concluded with an optional Lean Six Sigma Black Belt exam. We will be systematically preparing you throughout the entire course for the Lean

Six Sigma application in praxis and also for the Lean Six Sigma Black Belt exam.

Our objective is to make your learning easy, fun and successful in the end.

To learn more about the [Lean Six Sigma Black Belt certification](#), please visit our certification page.

