

Seminar

Six Sigma Yellow Belt



Achieving Statistics Quality Goals

Based on the Six Sigma philosophy, you will work on early improvement projects, solidify basic statistics knowledge and learn how to apply problem-solving methods with a case study.

In focus

- ▶ Tools and methods to implement the DMAIC cycle
- ▶ Process visualization
- ▶ Practical planning games and case studies
- ▶ Group work & interactive learning space

The widespread quality management concept Six Sigma offers a framework for action for the systematic planning and effective execution of sustainable improvement projects using structured project management approaches. It assists organizations in pursuing both a disciplined and data-driven approach as well as a method for error reduction. The Six Sigma Yellow Belt is the first step in the Six Sigma training: Here, you'll become an expert for process optimization and waste reduction based on statistical and analytical methods.

You are a project leader, quality manager, expert or executive in the service or production industry with at least one year of professional experience.

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Quick Facts

Seminar – Certificate of Attendance

- ▶ Dates available upon request
- ▶ 2 days of attendance each
- ▶ Prices available upon request
- ▶ German

Any more questions?

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Course Characteristics

	little	a lot
Math/statistics	●	○
Process analysis	●	○
Production optimization	●	○
Project management	●	○
Competency in methodology	●	○
Practical application	●	○

Six Sigma
Basics

Sign up now!

www.academy.rwth-aachen.de/six-sigma-yellow-belt

Course Plan Six Sigma Yellow Belt

Monday	Tuesday
<ul style="list-style-type: none"> ▶ Introduction Six Sigma und DMAIC cycle ▶ Introduction Define Phase ▶ Voice of the Customer (VoC), Kano model and decision trees ▶ SIPOC and stakeholder analysis ▶ Project charter and conclusion Define Phase ▶ Basics of statistics ▶ Excursion: Minitab ▶ Introduction Measure Phase ▶ Process recording 	<ul style="list-style-type: none"> ▶ Data collection and data quality ▶ Process stability & capability ▶ Conclusion Measure Phase ▶ Introduction Analyze Phase ▶ Pareto-Analysis ▶ Techniques for problem structuring (Ishikawa diagram, 5-Times-Why, cause-effect matrix) ▶ Conclusion Analyze Phase ▶ Introduction Improve Phase ▶ Creativity techniques ▶ Conclusion Improve Phase ▶ Introduction Control Phase ▶ Out of Control Action Plan ▶ Production control plan ▶ Control charts ▶ Conclusion Control Phase

