aractech

Global Learning for Operational Leaders

QUALITY AND PRODUCTIVITY | QP-002

Certified Six Sigma Yellow Belt

Contact

+31 85 7444446
info@aractech.com
https://aractech.eu

Address

Waarderweg 50, 2031PB Haarlem - Netherlands.

aractech

Global Learning for Operational Leaders

Course content

Why Attend

This thought-provoking course uses the renowned Motorola methodology to identify and solve organizational problems. Targeting the yellow belt level, this course will provide participants with the knowledge and tools to identify improvement opportunities in their organizations, help kick off the Six Sigma methodology with their teams, and assess their organization's readiness to launch Six Sigma projects. Participants will learn the different phases of Define, Measure, Analyze, Improve, and Control (DMAIC) and how to build a project charter. Additionally, they will learn about quality tools and statistics to help them formulate problem statements and translate them into a measurable format.

Course Methodology

• The course will give participants the chance to practice the skills acquired through exercises and case studies. Group and individual presentations will also be conducted. Additionally, videos will be shown about real-life companies that have implemented the Six Sigma methodology.

Course Objectives

• Define and understand quality concepts and systems supporting Six Sigma

• Discover and discuss Six Sigma concepts and importance in business improvement and customer service

• Apply Six Sigma methodology (Define, Measure, Analyze, Improve, and Control (DMAIC))

• Examine the statistical background supporting Six Sigma projects

• Compare the various tools most used in Six Sigma projects

• Assess organization readiness to launch Six Sigma projects

Target Audience

• Managers, supervisors and professionals who wish to understand Six Sigma, its use and how it relates to work and business improvement.

• Target Competencies

• Deploying Six Sigma

• Problem solving skills

aractech

Global Learning for Operational Leaders

Course outline

Detailed course outline

Module-by-module outline for Certified Six Sigma Yellow Belt.

Module 1 - Introduction to Quality

• Definition of quality

• History of quality

• Benefits of quality systems

• Meet the ISO 9000 family

• Cost of poor quality

• Evolution of quality management

Module 2 - Definitions of Six Sigma

• Definition of Six Sigma and the meaning of Sigma

• History of Six Sigma

• Benefits of Six Sigma for organizations

• Savings from Six Sigma

• Six Sigma as an improvement strategy

• Six Sigma in customer service

aractech

Global Learning for Operational Leaders

Course outline

Detailed course outline

Module-by-module outline for Certified Six Sigma Yellow Belt.

Module 3 - Implementing Six Sigma

• The methodology

• The DMAIC stages (Define, Measure, Analyze, Improve and Control)

• Project selection

• Problem statement write-up

• Roles of green belts and black belts

• Six Sigma and Lean

Module 4 - Statistical Analysis in Six Sigma

• Sigma as a metric for quality

• Sources of variation in operations

• Calculation of process capability and Sigma level

• The commute example

• Software to support analysis

Module 5 - Problem-solving Tools in Six Sigma

• Six Sigma toolbox

• Histogram

• Run charts

• Control charts

• Scatter diagrams

• Pareto charts

aractech

Global Learning for Operational Leaders

Seminar dates

Available seminar dates

Live dates and pricing for Certified Six Sigma Yellow Belt generated from the course details page.

Date	Location	Format	Fee
15 - 19 June 2026	London	Classroom	**€2,940**
20 - 24 July 2026	Frankfurt	Classroom	**€2,275**
3 - 7 August 2026	Barcelona	Classroom	**€2,695**
7 - 11 September 2026	Frankfurt	Classroom	**€2,275**
12 - 16 October 2026	Rome	Classroom	**€2,975**
9 - 13 November 2026	Kuala lumpur	Classroom	**€1,575**
14 - 18 December 2026	Barcelona	Classroom	**€2,695**

Live online option	Online delivery is available at €1,250.