informatech




QUALITY AND PRODUCTIVITY | QP-002

# Certified Six Sigma Yellow Belt

**UK**
+44 33 000 111 90
info@informatech.co.uk
https://informatech.co.uk
63-66 Hatton Garden Hatton Garden
EC1N 8LE , London

**NL**
+31 85 74 444 46
info@infomatech.nl
https://infomatech.nl
Waarderweg 50 - 2031PB
Haarlem - Netherlands



# 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.

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.

By the end of the course, participants will be able to:

• 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

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

• Deploying Six Sigma

• Problem solving skills

• Critical thinking skills

• Using applied statistics

• Change management techniques



# Course content

## Course outline

### 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
- Quality management principles and Six Sigma
- Quality maturity ladder

### 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
- Translating the Voice of Customer (VOC) to Critical to Quality (CTQ)
- Quality function deployment

### Implementing Six Sigma

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



# Course content

## Course outline

- Project selection
- Problem statement write-up
- Roles of green belts and black belts
- Six Sigma and Lean

### 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

### Problem-solving Tools in Six Sigma

- Six Sigma toolbox
- Histogram
- Run charts
- Control charts
- Scatter diagrams
- Pareto charts
- Cause and effect diagrams
- Why-why and how-how diagrams
- Process mapping
- The turtle diagram



# Course content

## Course outline

### Deployment of Six Sigma

- Guidelines for selecting Six Sigma projects
- Characteristics of a successful Six Sigma project
- Leadership and employee involvement
- Corporate commitment: 10 questions for 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 |
|---|---|---|---|
| 14 - 18 December 2026 | Barcelona - Spain | Classroom | **€3,080.-** |
| 18 - 22 January 2027 | London - U.K | Classroom | **€3,360.-** |
| 15 - 19 February 2027 | Frankfurt - Germany | Classroom | **€2,600.-** |
| 15 - 19 March 2027 | Barcelona - Spain | Classroom | **€3,080.-** |
| 19 - 23 April 2027 | Frankfurt - Germany | Classroom | **€2,600.-** |
| 17 - 21 May 2027 | Rome - Italy | Classroom | **€3,400.-** |
| 21 - 25 June 2027 | Kuala lumpur - Malaysia | Classroom | **€1,800.-** |
| 19 - 23 July 2027 | Barcelona - Spain | Classroom | **€3,080.-** |
| 16 - 20 August 2027 | London - U.K | Classroom | **€3,360.-** |
| 20 - 24 September 2027 | Frankfurt - Germany | Classroom | **€2,600.-** |
| 18 - 22 October 2027 | Barcelona - Spain | Classroom | **€3,080.-** |
| 15 - 19 November 2027 | Frankfurt - Germany | Classroom | **€2,600.-** |
| 20 - 24 December 2027 | Rome - Italy | Classroom | **€3,400.-** |

| | |
|---|---|
| **Live online option** | Online delivery is available at €1,850.-. |