



*Training Course:
SIX SIGMA Yellow Belt*

*25 - 29 November 2024
Cape Town (South Africa)
DoubleTree by Hilton Cape Town - Upper Eastside*

Training Course: SIX SIGMA Yellow Belt

Training Course code: MA235050 From: 25 - 29 November 2024 Venue: Cape Town (South Africa) - DoubleTree by Hilton Cape Town - Upper Eastside Training Course Fees: 5950 € Euro

Introduction:

The Six Sigma Yellow Belt certification is a fundamental level of certification offered by many organizations to individuals interested in understanding the concepts and tools of Six Sigma methodology. This certification demonstrates the understanding of the basics of Six Sigma and helps individuals become effective team members on Six Sigma projects.

Objectives:

The objectives of the Six Sigma Yellow Belt training program are:

- To provide a basic understanding of the concepts and tools of Six Sigma methodology
- To familiarize participants with the DMAIC Define, Measure, Analyze, Improve, Control process of Six Sigma
- To introduce participants to the roles and responsibilities of team members in Six Sigma projects
- To enable participants to use basic Six Sigma tools and techniques to improve processes
- To prepare participants for the Six Sigma Yellow Belt certification exam

Target Audience:

This program is ideal for:

- Employees of organizations implementing Six Sigma
- Professionals seeking to enhance their skills in process improvement
- Individuals who want to pursue a career in Six Sigma

Outlines:

Day 1:

Introduction to Six Sigma

- Definition of Six Sigma
- History and evolution of Six Sigma
- Key concepts of Six Sigma

- Benefits of Six Sigma

Day 2:

Define Phase

- Overview of the Define phase
- Identifying stakeholders and defining the problem
- Voice of the customer VOC and critical to quality CTQ characteristics
- Project charter and team formation

Day 3:

Measure Phase

- Overview of the Measure phase
- Data collection and measurement systems analysis
- Process mapping and flowcharting
- Basic statistics and probability distributions

Day 4:

Analyze Phase

- Overview of the Analyze phase
- Root cause analysis and hypothesis testing
- Fishbone diagram and 5 Whys analysis
- Failure mode and effects analysis FMEA

Day 5:

Improve and Control Phase

- Overview of the Improve and Control phase
- Generating solutions and implementing improvements
- Control charts and process control
- Standardization and documentation
- Exam preparation and review

Registration form on the Training Course: SIX SIGMA Yellow Belt

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