MERCURY

Master Black Belt Six Sigma

19 - 23 Aug 2024
Barcelona (Spain)

Master Black Belt Six Sigma

Ref.: 15453_308500 **Date:** 19 - 23 Aug 2024 **Location:** Barcelona (Spain) **Fees:** 4900 **Euro**

Introduction:

In today's fiercely competitive business landscape, organizations need to constantly refine their processes to achieve excellence, reduce waste, enhance quality, and maximize efficiency. Master Black Belts in Six Sigma are at the forefront of these transformative efforts. This course empowers individuals with the knowledge, skills, and methodologies to lead complex Six Sigma projects and drive significant improvements in their organizations.

Master Black Belts serve as change agents, mentors, and subject matter experts in the Six Sigma methodology. They play a pivotal role in shaping organizational strategy, making data-driven decisions, and ensuring sustainable performance improvement. This comprehensive course will equip participants with advanced Six Sigma tools, techniques, and leadership skills necessary to excel in this influential role.

Targeted Groups:

- Experienced Six Sigma Black Belts
- Quality Assurance Managers
- Operations Directors
- Process Improvement Leaders
- Project Managers
- Continuous Improvement Professionals
- Senior Managers and Executives

Course Objectives:

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

- Lead and mentor Six Sigma Black Belts and Green Belts in DMAIC Define, Measure, Analyze, Improve, Control projects.
- Apply advanced statistical tools and methodologies to solve complex business problems.
- Facilitate cross-functional teams in achieving project goals and objectives.
- Align Six Sigma initiatives with organizational strategic objectives.
- Drive a culture of continuous improvement and innovation within their organizations.
- Successfully manage change and overcome resistance to improvements.
- Analyze and optimize processes for maximum efficiency and quality.
- Present findings and project results effectively to senior management.

Targeted Competencies:

- Advanced Statistical Analysis
- Leadership and Mentoring
- Change Management
- Strategic Alignment
- Process Optimization

- Project Management
- Data-Driven Decision Making

Course Content:

Week 1: Introduction to Master Black Belt Total: 20 hours

Day 1: Overview of Master Black Belt Role 4 hours
Day 2: Leadership and Change Management 4 hours
Day 3: Advanced Statistics and Data Analysis 4 hours
Day 4: Design for Six Sigma DFSS Principles 4 hours
Day 5: Project Selection and Chartering 4 hours

Week 2: Advanced Six Sigma Methodologies Total: 20 hours

Day 6: Advanced Lean Principles 4 hours
Day 7: Multivariate Analysis 4 hours
Day 8: Hypothesis Testing for Complex Projects 4 hours
Day 9: Process Optimization Techniques 4 hours
Day 10: Advanced Process Control and SPC 4 hours

Week 3: Project Execution and Leadership Total: 20 hours

Day 11: Leading Cross-Functional Teams 4 hours
Day 12: Coaching and Mentoring Green and Black Belts 4 hours
Day 13: Project Execution and Monitoring 4 hours
Day 14: Risk Management in Six Sigma 4 hours
Day 15: Communication and Stakeholder Management 4 hours

Week 4: Project Review and Certification Total: 20 hours

Day 16: Project Review and Evaluation 4 hours
Day 17: Reporting and Documentation 4 hours
Day 18: Certification Requirements and Assessment 4 hours
Day 19: Continuous Improvement and Best Practices 4 hours
Day 20: Graduation and Closing Remarks 4 hours

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Registration form on the :
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Complete & Mail or fax to Mercury Training Center at the address given below

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