




Certified Lean Six Sigma Green Belt

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 **Meirc** ^{+years} 60
Training & Consulting

Why Attend

Join us to become a certified Six Sigma practitioner joining the thousands of Six Sigma professionals we have successfully trained over the last 20 years. Six Sigma is an industry standard methodology for process improvement and business transformation. Our IASSC accredited Green Belt course is well recognized for its comprehensive and robust content aligned with the international Body of Knowledge (BOK) by ASQ and IASSC. This unique Green Belt Six Sigma course will help you to improve the quality of your company operations by adopting a data-driven approach and provide you with the skills necessary to work on projects to benefit all types of processes and businesses. Participants will learn the different phases of Define, Measure, Analyze, Improve and Control (DMAIC) and how to craft a project charter. Additionally, participants will learn about quality tools and statistics to help them formulate problem statements and translate them into a measurable format. Participants will be provided with the tools to assess their organization's readiness to launch Six Sigma projects.

Course Methodology

The course will present participants with 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 which have implemented the Six Sigma methodology. A Case study will guide the training. Following the course, you will receive a Six Sigma Green attendance certificate. Certification will be obtained by passing an exam at the end of the course to measure the participants' knowledge on Six Sigma body of knowledge (BOK).

Course Objectives

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

- Improve processes using DMAIC Six Sigma (variation removal) and Lean approach (waste removal)
- Discuss Six Sigma and why it is necessary to sustain business improvement
- Apply and implement the Define, Measure, Analyze, Improve and Control problem-solving methodology
- Collect and analyze data appropriately using various tools in Minitab
- Apply various tools usually used in a Six Sigma project
- Understand how to scope a project and build a business case for management to deploy Six Sigma

Target Audience

Managers, supervisors and professionals who wish to fully utilize Six Sigma approach in their organizations, become certified professionals and learn how Six Sigma relates to work and business improvement.

Target Competencies

- Deploying Six Sigma
- Problem-solving skills
- Critical thinking skills
- Using applied statistics
- Lean principles

Note

Note1: Your Six Sigma Green Belt will include some pre-class work and reading, five days in the classroom and then further self-led study to reinforce what you've learned.

Note 2: Included in the course: A rich workbook that contains the slides and material, +40 useful Six Sigma and Lean templates, 30-day Minitab free trial and 2 hours of free coaching (by email) by the experienced trainer.

Course Outline

- Six Sigma - Define Phase
 - Understanding Six Sigma
 - History of Six Sigma
 - Six Sigma Roles and Responsibilities
 - Cost of Poor Quality (COPQ)
 - Selecting projects
 - Developing the Project Charter and problem statements



- Voice of the customer / Critical to Quality (CTQ)
- SIPOC
- Using Pareto for Scoping
- Project planning, risk assessment and project launch
- Team creation, RACI and communications planning
- Case study
- Six Sigma - Measure Phase
 - Introduction to Six Sigma Level Calculations
 - Process capability Indices
 - Six Sigma statistics
 - Types of data and basic stats Central Tendency, Variation and Tampering
 - Sample Data Collection
 - Understanding the Xs that affect your process Y and building your measurement plan
 - Measurement systems analysis and Gauge R&R
 - Introduction to Minitab
 - Data collection planning
 - Sampling
 - Normality Analysis
- Six Sigma - Analyze Phase
 - The Seven Classic Quality Tools- A Review
 - Statistical Process Control (SPC)- Control charts
 - Process mapping
 - Qualitative Analysis
 - Inferential Statistics
 - Failure Mode Effect Analysis (FMEA)
- Six Sigma - Improve and Control Phases
 - Introduction to Graphing
 - Scatter plots
 - Process Modeling Regression
 - Advanced Process Modeling
 - Designing Experiments
 - Six Sigma Control Plans
 - Evaluating and selection solutions
 - Introduction to Hypothesis Testing
 - Pilot testing
 - Project close out/handovers
- Lean Thinking and Six Sigma
 - Defining Lean
 - Lean thinking principles
 - Types of waste (MUDA)
 - Lean vs Six Sigma
 - Lean Tool box
 - The visual factory and 5 S
 - Mistake Proofing - Poka Yoka



Meirc Professional Certificate (MPC)

MPC certified courses by Meirc Training & Consulting are designed for those willing to challenge themselves and go the extra distance. Participants who fully attend an MPC course and successfully complete the test on the last day, will receive a Meirc Professional Certificate (MPC), in addition to the one they receive for full attendance. MPC certificates are regionally recognized and can be quite valuable when applying for more senior roles within the organization or outside.



Location & Date

21 - 25 Mar, 2021	English	Dubai	To be assigned
17 - 21 Oct, 2021	English	Dubai	To be assigned

Fees: US\$ (including coffee breaks and a buffet lunch daily)

Per participant - 2020	US\$ 5200
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Fees + VAT as applicable	UAE Tax Registration Number 100239834300003
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For Companies that want to maximize the return on their investment in training: **Register 3 participants** on the same course and date and pay only for 2.



Courses in Quality and Productivity

Dates	Course Name	Language	Location	Fees
8 - 12 Nov, 2020	Total Quality Management (TQM): Tool Box for Continual Improvement	Arabic	Dubai	US\$ 4900
15 - 19 Nov, 2020	Certified Six Sigma Yellow Belt	Arabic	Dubai	US\$ 5200
22 - 26 Nov, 2020	Certified Quality Management Professional	Arabic	Dubai	US\$ 5200
29 Nov - 3 Dec, 2020	ASQ Approved Lean Six Sigma Green Belt	English	Dubai	US\$ 5200
13 - 17 Dec, 2020	Process Management: Mapping and Improvement	English	Dubai	US\$ 4900
20 - 24 Dec, 2020	Total Quality Management (TQM): Tool Box for Continual Improvement	English	Dubai	US\$ 4900
27 - 31 Dec, 2020	Simplification of Work Processes and Procedures	Arabic	Dubai	US\$ 4900
31 Jan - 4 Feb, 2021	Total Quality Management (TQM): Tool Box for Continual Improvement	English	Dubai	US\$ 4900
14 - 18 Feb, 2021	Certified Six Sigma Yellow Belt	English	Dubai	US\$ 4900
4 - 8 Apr, 2021	Total Quality Management (TQM): Tool Box for Continual Improvement	Arabic	Dubai	US\$ 4900
23 - 27 May, 2021	Simplification of Work Processes and Procedures	Arabic	Dubai	US\$ 4900
6 - 10 Jun, 2021	Certified Quality Management Professional	English	Dubai	US\$ 4900
4 - 8 Jul, 2021	Certified Six Sigma Yellow Belt	English	Dubai	US\$ 4900
11 - 15 Jul, 2021	Process Management: Mapping and Improvement	English	Dubai	US\$ 4900
18 - 22 Jul, 2021	Total Quality Management (TQM): Tool Box for Continual Improvement	English	Dubai	US\$ 4900
1 - 5 Aug, 2021	Lean Thinking: A Strategy for Operational Excellence	English	Dubai	US\$ 4900
8 - 12 Aug, 2021	Simplification of Work Processes and Procedures	English	Dubai	US\$ 4900
12 - 16 Sep, 2021	ASQ Approved Lean Six Sigma Green Belt	English	Dubai	US\$ 4900
19 - 23 Sep, 2021	Improving Productivity through Quality Enhancement and Cost Reduction	English	Dubai	US\$ 4900
3 - 7 Oct, 2021	Strategic Quality Management	English	Dubai	US\$ 4900
7 - 11 Nov, 2021	ASQ Certified Manager of Quality/Organizational Excellence Refresher	English	Dubai	US\$ 4900
21 - 25 Nov, 2021	Certified Quality Management Professional	Arabic	Dubai	US\$ 4900
12 - 16 Dec, 2021	Total Quality Management (TQM): Tool Box	Arabic	Dubai	



Courses in Quality and Productivity

Dates	Course Name	Language	Location	Fees
	for Continual Improvement			US\$ 4900
26 - 30 Dec, 2021	Simplification of Work Processes and Procedures	Arabic	Dubai	US\$ 4900



Meirc Timeline



2020

Meirc launches its virtual learning solutions



2019

Meirc launches its Professional Qualification training and introduces Hands-on Automation and Process Control Courses



2018

Meirc celebrates its 60th anniversary



2017

Meirc introduces its blended learning methodology



2015

Meirc relocates to its newly acquired HQ office in Bay Square, Business Bay, Dubai



2014

Meirc adds PLUS Specialty Training, a new division providing technical and industry-specific courses



2007

Meirc opens an office in Jeddah, Saudi Arabia



2004

Meirc opens an office in Abu Dhabi, UAE



1997

Meirc is the 1st training company in the region to have its own website



1991

Meirc becomes headquartered in Dubai, UAE



1988

Meirc celebrates its 30th anniversary with its advisory committee (Aramco, Bapco, KOC, QPC)



1967

Meirc builds its own office building in Beirut



1958

Meirc is founded in Beirut by the late Simon Siksek

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