



Certified Lean Six Sigma - Green Belt ASQ Model

QT&T provides you with a thorough knowledge of Six Sigma philosophies and principles, including supporting systems and tools based on ASQ Body of knowledge. A certified Green Belt exhibits team leadership, understands team dynamics, and assigns his/her team members roles and responsibilities. They have a complete understanding of the DMAIC model in accordance with Lean Six Sigma principles, have a basic knowledge of lean enterprise concepts, and they can identify non-value-added elements and activities.

QT&T Lean Six Sigma Green Belt Training is ideal for engineers, business unit manager, program managers, students, or anyone looking to get the most out of their career. Here are just some of the things you will learn in your Green Belt training:


- Lean Six Sigma philosophy of process improvement
- Customer centered business
- Lean manufacturing
- Advanced statistics
- Coaching successful project teams
- Group/organizational assessment

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- Statistical and graphical analysis tools
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Certified Lean Six Sigma Green Belt Curriculum ASQ Model

Overview: Six Sigma and the Organization	Six Sigma ▾ Define	Six Sigma ▾ Measure	Six Sigma ▾ Analyze	Six Sigma ▾ Improve & Control
Six sigma and organizational goals	Process Management for Projects	Process analysis and documentation	Exploratory data analysis	Design of experiments (DOE)
Lean principles in the organization	Project management basics	Probability and statistics	Hypothesis testing	Statistical process control (SPC)
Overview of Design for Six Sigma (DFSS) in the organization	Management and planning tools	Collecting and summarizing data		Implement and validate solutions Control plan
	Team dynamics and performance	Probability distributions		
		Measurement system analysis		
		Process capability and performance		


**Duration
60 hours**

Entry Requirements

Diploma or Degree holders with minimum 3 years working experience in one or more areas of the Six Sigma Green Belt Body of Knowledge. For more information on ASQ BOK please refer <http://www.asq.org/certification/six-sigma-green-belt>

Who Should Attend

- Quality and/or Training Coordinators ;
- Engineers, Business Unit Managers, Program Managers and other practitioners/change agents who will be conducting Six Sigma projects ; or
- Individuals interested in having ASQ certification for Green Belts