

Lean Six Sigma Black Belt – IASSC certification preparation

Description: Black Belt Program

Lean Six Sigma is one of the most effective methodologies for solving complex problems. There are several levels of training and these are differentiated by the level of complexity of the tools applied: Yellow Belt, Green Belt, Black Belt and Master Black Belt.

Black Belt program is recommended to the professionals who are versed in the Lean Six Sigma Methodology, who leads complex improvement projects. A Lean Six Sigma Black Belt will gain a thorough understanding of all aspects of the Lean Six Sigma Method including a high-level of competence in the subject matters contained within the phases of Define, Measure, Analyze, Improve and Control (DMAIC).

Lean Six Sigma Black Belt key learning outcomes

<p>Define Phase</p> <ul style="list-style-type: none"> ✓ Understanding Six Sigma ✓ Selecting Lean Six Sigma Projects ✓ The Lean Enterprise <p>Measure Phase</p> <ul style="list-style-type: none"> ✓ Process Discovery ✓ Six Sigma Statistics ✓ Measurement System Analysis ✓ Process Capability <p>Analyze Phase</p> <ul style="list-style-type: none"> ✓ “X” Sifting ✓ Inferential Statistics ✓ Introduction to Hypothesis Testing ✓ Hypothesis Testing Hypothesis Testing with Normal Data Hypothesis Testing with Non-Normal Data 	<p>Improve Phase</p> <ul style="list-style-type: none"> ✓ Process Modeling Regression ✓ Advanced Process Modeling ✓ Designing Experiments ✓ Experimental Methods ✓ Full Factorial Experiments ✓ Fractional Factorial Experiments <p>Control Phase</p> <ul style="list-style-type: none"> ✓ Advanced Capability ✓ Advanced Experiments ✓ Lean Controls ✓ Statistical Process Control (SPC) ✓ Six Sigma Control Plans <p>Examen preparation</p>
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Duration: 6 days training & IASSC exam preparation, in two sessions.

Methodology: Presentation, examples, discussions, exercises and case study

IASSC Certification: issuing the certificate is conditioned by the graduation of the theoretical IASSC examination. The examination can be performed in two ways: Computer Based Testing or Paper & Pencil Exam in an Accredited Training Organization.

Information about the online examination fees:

<https://www.peoplecert.org/browse-certifications/Lean-Six-Sigma/Lean-Six-Sigma-9/lean-six-sigma-black-belt-293>

Trainer

The trainers have relevant experience in the automotive industry and in other industries, directly lead and coach improvement projects and are LSS Black Belt certified.

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