

PATH FORWARD

To Business Transformation



Lean Six Sigma Black Belt

Course Overview

In today's business world, competition is tough. Corporations are under a great deal of pressure to become more productive and more efficient while developing new, innovative products and services more rapidly than ever before. Management is demanding improved quality, reduced costs, and increased productivity with fewer resources. How can companies respond to these pressures while remaining competitive in the market? The answer is Lean Six Sigma.

Lean Six Sigma is founded on Lean, Six Sigma, and Process Management principles – to develop operational capabilities that consistently and continuously deliver the following results:

- Improvements in customer satisfaction
- Increased efficiencies and consistency
- Increased value to the customer
- Growth in revenue
- Reduction in costs (inventory, waste, defects, etc.)
- Improvements in productivity
- Gains in innovation
- Organizational focus on customers, value and processes

Our Lean Six Sigma Black Belt course teaches the Define-Measure-Analyze-Control (DMAIC) methodology with an advanced understanding of how to apply these principles within your organization.

Course Objectives

- Identify the IBM Lean Six Sigma problem-solving model and overall strategy and tools
- Describe the core methods within the model and how and when to apply each
- Apply the five step DMAIC (Define, Measure, Analyze, Improve, Control) model as a framework to achieve process improvement

- Drive value via Lean Six Sigma based on a specific project role

Audience

Our Black Belt course is designed for knowledgeable professionals who have either successfully passed a Lean Six Sigma Green Belt course or have a knowledge of statistics.

Method / Approach

This course is an expert-led virtual blended course that uses hands-on activities and team-based case study assignments along with virtual group discussions to enhance the learning experience and enable students the ability to identify and implement process improvement strategy and methods, based on the DMAIC methodology.

Upon completion, you will know how to identify and implement breakthrough improvements for enhanced bottom-line results within your organization.

Duration

Our blended learning course is comprised of 16 two-hour live virtual class sessions and 10 online self-study modules. Students should plan to invest 10 - 12 hours per week to successfully complete this education.



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