

Lean Six Sigma Master Black Belt

Course curriculum

Planning

Enterprise-wide planning

Strategic planning tools and methods-Hoshin Kanri, SWOT, PEST, PESTLE, Ansoff matrix, Porters five forces.

Improvement methodologies & pipeline management.

Organizational Competencies for Deployment

This module will guide you through the organizational Competencies for deployment. Learn to apply systems thinking to anticipate the effect that components of a system can have and execute Leadership Roles. Support functioning of Master Black Belts through plans. Learn about the organizational performance metrics

- Organizational Design
- Executive and Team
- Organizational Challenges
- Organizational Change Management
- Organizational Feedback
- Organizational Performance Metrics

Project Portfolio Management

Learn about Project Portfolio Management in this module. Evaluate critical projects and apply phases of project management life cycle. Learn to create document tracking tools and more. Execute positioning of multiple projects and measure the performance

- Project Management Principles and Life Cycle
- Project Portfolio Infrastructure and Management
- Project Portfolio Financial Tools

Training Design and Delivery

This module will guide you through various training design and delivery methodologies. Discover training requirements by using tools as a gap analysis & design training plans. Learn to outsource training methods and monitor the training effectiveness

- Training Needs Analysis
- Training Plan Elements
- Training Materials and Curriculum Development
- Training Program Effectiveness

Coaching and Mentoring Responsibilities

Learn about the various Coaching and mentoring responsibilities in this module. Candidates will use coaching, mentoring and intervention skills to create a career progression ladder for belts. Learn to create guidelines for project reviews

- Executives and Champions
- Teams and Individuals

Advanced Data Management and Analytic Methods

This module will equip you with the knowledge of advanced data management and analytic methods. Learn about the measurement Systems analysis, Process capability, and more. Gain skills and knowledge of Design of experiments and data management and analytics

- Measurement Systems Analysis (MSA), Process Capability, and Control
- Measuring and Modelling Relationships between Variables

- Design of Experiments (DOE)
- Data Management and Analytics
- DFSS (Design for Six Sigma)