New Horizons: Six Sigma special bundle

Six Sigma Green Belt certification examination

Lean Six Sigma is a powerful methodology and toolset enabling breakthrough process improvements. Develop in-depth knowledge of Six Sigma tools and processes and how to apply them in quality improvement projects.

Courses (29 hours+)

- Organizational Goals and Six Sigma
- Lean Principles in Six Sigma Projects
- FMEA and Design for Six Sigma
- Identifying Six Sigma Projects
- Six Sigma Voice of the Customer
- Six Sigma Project Management Essentials
- Management and Planning Tools for Six Sigma
- Six Sigma Performance Metrics
- Team Dynamics and Performance for Six Sigma Projects
- Six Sigma Process Documentation and Analysis
- Six Sigma Probability and Statistical Distributions
- Six Sigma Data Classification, Sampling, and Collection
- Six Sigma Statistics and Graphical Presentation
- Six Sigma Measurement Systems Analysis
- Six Sigma Process and Performance Capability Measurement
- Six Sigma Exploratory Data Analysis
- Six Sigma Hypothesis Testing Fundamentals
- Six Sigma Hypothesis Tests for Variances and Proportions
- Six Sigma Design of Experiments
- Six Sigma Root Cause Analysis and Waste Elimination
- Six Sigma Cycle-time Reduction and Kaizen Blitz
- Six Sigma Statistical Process Control Basics
- Six Sigma Control Charts
- Six Sigma Process Control Tools

Assessment:

- TestPrep Six Sigma Green Belt (SSGB)

Online Mentor

Six Sigma Yellow Belt certification examination

Learn about Six Sigma and DMAIC concepts, methodologies, and tools, and how they are applied in organizations. Define, measure, analyze, improve, and control (DMAIC) is a data-driven quality strategy used to improve processes. Learn how it can be an integral part of the Six Sigma initiative.

Courses (17 hours+)

- Six Sigma and Lean: Foundations and Principles
- Six Sigma: Team Basics, Roles, and Responsibilities
- Six Sigma: Quality Tools
- Six Sigma: Metrics
- Six Sigma: Identifying Projects
- Six Sigma: Project Management Basics
- Basic Six Sigma Statistics
- Classifying and Collecting Data
- Six Sigma Measurement System Analysis
- Lean Tools and FMEA
- Data Analysis and Root Cause Analysis in Six Sigma
- Six Sigma Correlation, Regression, and Hypothesis Testing
- Six Sigma Techniques for Improvement
- Six Sigma Control Tools and Documentation

Assessment:

- TestPrep Six Sigma Yellow Belt (SSYB)

Online Mentor