

Six Sigma

Six Sigma is a management methodology designed to drive process improvements. It is rapidly becoming a cornerstone philosophy among an increasing number of organizations. When applied properly Six Sigma empowers companies to drastically improve their bottom line by designing and monitoring everyday business activities in ways that minimize waste and resources while increasing customer satisfaction.

Green belt program



4 days



English



Quality assurance engineers, project managers, team leaders, software professionals, process improvement professionals

Purpose

Designed to provide an understanding of the Six Sigma methodology and its application to any business environment, this course supports participants' capacity to solve problems and improving operational performance.

Course content

- Six Sigma methodology
- DMAIC process
- Role of team members in successful implementation
- Selecting projects and defining techniques for maximum impact
- Converting practical problems to statistical problems
- Deriving statistical solutions
- Converting statistical solutions to practical implementable solution
- Project management techniques
- Project presentation and closure
- Minitab for statistical analysis

Black belt program



8 days



English



Quality assurance engineers, project managers, team leaders, software professionals, process improvement professionals (must be green belt qualified)

Purpose

This course is designed to develop a thorough understanding of Six Sigma philosophy, methods and quality management tools and techniques.

Course content

- Define customer expectations
- Measure frequency of defects
- Analyze why, where and when defects occur
- Improve the process
- Control solution