

Six Sigma Black Belt

The Six Sigma Black Belt Certification has been developed for anyone who is able to demonstrate the fundamentals and methods of Six Sigma.

Objective

By the end of this training course, candidates will be able to:

- Show a proficiency for Six Sigma
- Review roles and responsibilities involved in improving processes
- Demonstrate comprehensive process mapping and software skills
- Identify the required project management skills for implementing process changes

Details

Duration: 10 Days

Course PreRequities

There are no pre-requisites required before taking this training course. You will be provided with pre-course material to read through once the course has been confirmed. In addition you will require a copy of Minitab software for the Black Belt section of the training course.

Course Content

The units of this course include:

Different and improved ways of working

- Managing meetings
- Keeping track of responsibilities
- Using improvement wheels
- Managing cycles of emotional change
- Communication skills
- Motivating others
- Running critical issues workshops

Advanced Equipment

- Takt & Cycle time
- Balancing work
- RRS
- R&R Gage
- Mapping value streams
- Experiment designs
- T&F Testing
- Using advanced control charts

Managing Operational Performance

- How to design a dashboard for performance management
- How to use a dashboard for performance management
- Interpreting trends
- Visual management basics
- Building business cases
- Reporting on performance management

Leadership Fundamentals

- The principles of leadership
- Forming a team of top performers
- Situational leadership
- Running rapid action and quick wins teams
- How to manage resistance
- Coaching and giving feedback

