

SIX SIGMA PROGRAM TRAINING GREEN BELT

The QRIntl Green Belt Training Program is a didactic and practical course. A final grade is achieved after completion of a final exam covering the methodology learned over the week. The fieldwork encompasses a total of an additional 20-30 hours of training with the Master Black Belt to fully develop and implement the Green Belt project.



Small Groups



40 hours Classroom
+20-30 hours fieldwork



Exam

The practical training component of the course consists of developing a project to improve a process using Six Sigma Methodology. A **Six Sigma Green Belt Project** should be completed in six to twelve weeks.

GOALS / COMPETENCIES UPON COMPLETION:

Understand the general concepts of Six Sigma methodology. Lean and practice statistical and quality tools. Apply the knowledge gained to develop Six Sigma Projects in the healthcare setting.

Full compliance with all components will give the candidate an internationally recognized certification as a Six Sigma Green Belt in Healthcare from QRIntl.

Topics

- Quality Management System
- Sigma Levels and their relationship to process variation
- Phases and tools of Six Sigma methodology
- Project Selection
- Histogram: definition, development and interpretation
- Pareto Diagram: definition, development and interpretation
- Basic Statistical Concepts
- Predictions based on the normal distribution. Z value
- Process Map: definition and development and interpretation
- Deployment Matrix Functions: definition, development and interpretation
- Matrix for Failure Mode and Effects Analysis: definition, development and interpretation
- Evaluation of the measurement system
- Kaizen: definition and implementation
- Process Management

IASSC™ Accreditation does not constitute its' approval or recognition of our own lean six sigma certification program. The only method to earn an IASSC certification is to successfully sit for and pass an official IASSC certification™ exam. We do provide access to IASSC Certification exams.