



## Six Sigma Black Belt Professional

### The Six Sigma Project Management Profession

This program is designed for high-performance employees and leaders of business improvement projects. Whether in healthcare, finance, government, manufacturing or any other industry, Six Sigma training is ideal for current professionals looking toward advancement in their current position as well as individuals looking to gain employment with any firm that utilizes these concepts and techniques. Experienced professionals who are able to master these techniques and gain certification in Six Sigma are in significant demand by employers looking to ensure the most efficient use of their resources.

### The Six Sigma Black Belt Program

Building upon participants' existing knowledge and practice, the Six Sigma Black Belt course will help participants to master advanced statistical analysis tools, identify opportunities with solutions that can be implemented immediately and to deliver measurable results right away in order to increase an organization's return on investment. Participants who complete this course will be able to lead Six Sigma projects meant to enhance the capability of both internal and external processes in order to better meet customer expectations. With the comprehensive understanding of process analysis and improvement individuals gain from Six Sigma Black Belt certification, professionals with these skills with makes a significant impact on any organization and be well-positioned for advancement in their chosen fields.

### Education & Certification

- Learners should have or be pursuing a high school diploma or GED.
- Students who complete this comprehensive course would be prepared to sit for the **ASQ** and the **IASSC Six Sigma Black Belt** national certification examinations.

### Detailed Course Topics Covered

At the conclusion of this program, students will be able to:

- Apply the Lean Six Sigma (LSS) model to create breakthrough in profitability and growth
- Manage projects by defining metrics, following and employing the Define-Measure-Analyze-Improve-Control (DMAIC) methodology
- Design effective teams to execute projects using tools & techniques of Lean Six Sigma
- Implement a sustainable process breakthrough using the DMAIC methodology
- Differentiate DMAIC and Design for Six Sigma (DFSS) frameworks
- Analyze a business process and engender support from executive management for using the tools and techniques relevant to the Lean Six Sigma methodology
- Sustain process breakthrough improvements in the control phase of the LSS initiative
- Use Microsoft Office

### The Six Sigma Black Belt Professional Program

**Delivery:** Online self-paced, mentor support

**Hours:** 375

**Externship:** Optional Placement Available

**Tuition:** \$3,999

**Certification Exam Fee Included**

**IASSC (ICBB)**

**ASQ (CSSBB)**

**Credential Achievement Guarantee**

*conditions apply*



**ENROLL TODAY!**

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