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## Lean Six Sigma White Belt

### Lean Six Sigma Overview

Lean Six Sigma is a business management system that allows organizations of all types to drastically improve their bottom line by creating, measuring, and monitoring everyday business activities that in turn leads to reduced waste, fewer mistakes, and increased customer satisfaction. Lean Six Sigma helps you focus on proactive solutions that will keep problems from happening in the first place. While Lean Six Sigma is designed to improve processes and increase customer value, the reason it is so successful is that it provides immediate and measurable results to your company's bottom line. The power of Lean Six Sigma is that it is not just a high level philosophy, but also includes a structured set of tools to help you ask the tough questions, get to the root causes, and find permanent solutions to any problem or opportunity. You will benefit from Lean Six Sigma if you:

- Need to reduce costs and improve margins
- Want to move from constant firefighting to doing it right the first time
- Want to get your entire organization involved in reducing errors, improving processes, and focused on the customer
- Want a program that will develop new skills and competencies across the entire organization
- Need to improve processes that are keeping you from growing
- Want a common language and set of tools that will enable a culture of continuous improvement
- Need a consistent and repeatable problem solving methodology

### White Belt Course Overview

The purpose and benefits of Lean Six Sigma are presented in this two-hour session known as the White Belt level. This presentation offers an overview of the Lean Six Sigma problem solving phases – known as DMAIC - from defining the problem through implementing solutions that are linked to the underlying root causes and delivering improvements that are consistent, reliable, and sustainable. Within this context, participants are introduced to some of various methods and tools, including voice of the customer, project charter, process mapping, measurement plans, charts, and idea generation. An overview of the Lean aspect is also presented.

### Learning Outcomes

Upon completion of this course you will:

- Understand the background of Quality
- Understand the background of Six Sigma
- Understand the background of Lean
- How Lean and Six Sigma work together
- Have an introduction to the Six Sigma problem-solving methodology
- Be introduced to the soft skills used in Lean Six Sigma.

### **Format**

- The course is two (2) hours and is done in a classroom setting

### **Materials**

- A White Belt workbook created by Crimson Corporation will be provided and will be the main instructional document used during the course.

### **Class Size**

- Minimum of twelve (12); No maximum

### **Audience**

- All industries and types of organizations
- Individuals and organizations just getting started with Lean Six Sigma or want know more about it
- Anyone who would like an introduction to Lean Six Sigma

### **Prerequisites**

- Participants need no prior experience with Lean Six Sigma to attend this course

### **Certification**

- A certificate of completion for 2 professional development hours will be issued to all participants who attend the class