Lean Six Sigma Yellow Belt
Instructor Led

**Description:** This 2-day workshop gives you an overview of the basic of Lean and is focused on short-term project to improve a process. Substantial resources—Engineering, Maintenance, Cell Operators, and others are available for immediate deployment. This workshop conveys you to the essentials of Kaizen and prepares you for the traditional 5-day event.

**Learning Objectives:**
After completing this course, participants will be able to understand:
- The principles of quality improvement
- The DMAIC improvement model and the key activities required at each stage
- The importance of determining and understanding customer requirements
- Basics of measuring and analyzing performance
- Identification and evaluation of potential solutions
- Establishing ongoing process control and improvement

**WHO SHOULD ATTEND**
This course is designed for anyone who are going to be involved in a Six Sigma project as a team member.

**COURSE CONTENT**
- Lean Six Sigma Introduction
- Process basics
- Cost of Poor Quality
- Critical to Quality requirements
- Measurement basics
- Process mapping
- FMEA risk analysis
- Response Charts
- Understanding variability
- Defining Customer Value
- DMAIC overview
- SIPOC diagrams
- Collecting data
- Cause and effect Ishikawa Diagrams
- Statistical Process Control overview
- Basic data analysis--Pareto, histograms and run charts
- Identifying, evaluating and developing solutions

**Hours:** 16
**Date:** 4/14 – 4/21 Saturday
**Time:** 8am – 5pm
**Course Fee:** $725
(Official Curriculum Provided)
**Prerequisites:** None

**Who Should Attend**
This course is designed for anyone who are going to be involved in a Six Sigma project as a team member.

**Registration Deadline:**

**Location:**
San Jacinto College Central
8060 Spencer Hwy
Pasadena, TX 77505

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