

Six Sigma/Lean Business Yellow Belt

Course Description

This course provides a fundamental working knowledge of the varied aspects of Six Sigma and Lean initiatives in the Business environment, while preparing Yellow Belts for future studies in more specialized topics within the subject area. Yellow Belts will increase their awareness of the overall environment and use quality tools.

Course Objectives

By the end of this course, you should be able to:

1. Describe how the basics of Six Sigma apply to the Business environment
2. Discuss which quality tools would be best to show status of issues relative to Business
3. Describe various Lean Tools used in Business
4. Discuss the relationship between Six Sigma, Lean and Statistics in improvement initiatives
5. Describe how Lean Business can eliminate obstacles to excellence in Business

Reading Material

This course recommends *The Power of Six Sigma* by Subir Chowdhury. You will be learning from viewing videos and reading from different websites and handouts.

Course Outline

Section 1: White Belt

- WB1 – White Belt Program
- WB2 – Introduction to Six Sigma
- WB3 – Introduction to Lean
- WB4 – Introduction to Process Control

Section 2: Introduction – Yellow Belt

- YB1 – Yellow Belt Program

Section 3: Six Sigma

- YB2 – Team Building
- YB3 – Project Charter
- YB4 – Process Mapping
- YB5 – Change Management

Section 4: Process Control

- YB6 – Basic Statistics
- YB7 – 7 Quality Tools, Part 1
- YB8 – 7 Quality Tools, Part 2
- YB9 – 7 Quality Tools, Part 3
- YB10 – Intro to SPC
- YB11 – Control Charts

Section 5: Lean Business

- YB12 – 5S Systems
- YB13 – Visual Cues
- YB14 – Value Stream Mapping
- YB15 – Error Proofing
- YB16 – 8 Inefficiencies

Section 6: Yellow Belt Certification

Yellow Belt Certifications are awarded to individuals who pass (70% minimum) the 30 question multiple-choice Final Exam and successfully complete three projects, one for each of Sections 3, 4, & 5. Projects are graded (pass/fail) within a week of submission to: HerbRobbins@Lean2020.com