



Working to Help You Win!

Yellow Belt Workshop Details

Description

This unique training program provides the skill sets you will need to be an active member on a Six Sigma DMAIC project. This course introduces Six Sigma tools and methods and shows application to various businesses in several exercises and case studies. Upon successful mastery of the Yellow Belt course material the student will earn a certificate of successful completion of the Yellow Belt course.

Duration - 1 week.

Goal

You will learn the advanced problem-solving skills including:

- ANOVA analysis
- Simple Regression
- Voice of Customer Analysis
- Graphical Analysis and more!

You will learn how these tools are used to measure a process, validate the measurement system, analyze the results, develop process improvements, and quantify the resulting savings.

Outline / Topics

- Six Sigma Overview of DMAIC
- The Hidden Factory
- Affinity Diagrams
- Project Scoping and Selection
- Process Mapping
- Quality Function Deployment
- Identifying process variables
- Measurement Systems Analysis
- Failure Mode and Effect Analysis
- Ishikawa Diagrams
- Capability Analysis
- Verifying the Relation Between X's
- Implementing Solutions
- Statistical Process Control
- Mistake Proofing
- Financial Impact
- Final Project Review

Results

Upon successful completion of the training, participants will:

1. Understand the use of the basic tools and methods of Six Sigma.