**Category:**

Lean Thinking

**Course Prerequisite:**

None

**Course Length:**

80 hours

**Materials:**

Minitab or JMP Statistical Software (can be downloaded on a trial basis if necessary).

**Cancellation Policy:**

Less than 14 days, 50% non-refundable , less than 7 days 100% non-refundable

**Minimum Number of Students:**

6

**Maximum Number of Students:**

16

**Delivery:**vILT or cILT  
(virtual or classroom)

**Pre-work:**None

**Six Sigma Green Belt**

**Course Description**

The training is organized around the five main phases of the Six Sigma Process Improvement Roadmap: Define, Measure, Analyze, Improve and Control (DMAIC). Candidates participate in two training sessions, with at least three weeks in between, allowing them to apply the material learned to their project.

For project-based training, project reviews during each training session maintain project focus. In this case, it is the responsibility of the Champion to ensure that their Belt candidates arrive at class with a proper project charter.

*Optional: In between training, GROWTHco can provide coaching and guidance to ensure that the methodology and roadmap are used appropriately. This is a separate service provided apart from this 80-hour training program.*

**Who Should Attend**

This course is designed for is designed for professionals charged with creating, identifying or improving processes.

**Learning Objectives**

Through training, participants will:

* Know the process improvement roadmap DMAIC to systematically define, measure, analyze, improve, and finally control the process
* Know how to identify projects and define the project charter
* Achieve an in-depth understanding of the knowledge based and data based (statistical) methods and tools to characterize and baseline the process
* Be able to perform Multi-Vari studies to determine the various sources of noise in the process
* Be able to design experiments to screen, characterize, and optimize the process with respect to controllable process factors
* Know about various control methods to ensure that the improvement achieved is sustained