



Six Sigma Green Belt Certificate

The Six Sigma Green Belt Boot Camp program is an in-depth, interactive learning experience held exclusively in a classroom setting. Our Six Sigma program is based on a case study approach so that participants apply training directly to a real-world example.

The program is structured in on-site classroom sessions in the following way:

Dates	Topics	Tools
Monday	<ol style="list-style-type: none"> 1. Agenda, Introductions and Expectations 2. Understanding Processes, Systems, and Improvement Methodologies 3. Chartering the Right Projects <ol style="list-style-type: none"> a. Project Identification b. Project Scoping 4. Developing a Project Charter 	<ul style="list-style-type: none"> • The Project Charter • High Level Process Map • SIPOC
Tuesday	<ol style="list-style-type: none"> 5. Understanding Data and Variation 6. Making Data Based decisions 7. What data do I need to take? 8. Are my data sources valid? 	<ul style="list-style-type: none"> • IPO Diagram • Families of Variation Tree • Measurement System Analysis
Wednesday	<ol style="list-style-type: none"> 9. Determining Process Current State <ol style="list-style-type: none"> a. Are my processes predictable? b. How well does my Process Meet Customer Expectations? 	<ul style="list-style-type: none"> • Statistical Process Control • Process Capability
Thursday	<ol style="list-style-type: none"> 10. What Systemic Relationships Drive My Process Performance? 11. Graphical Analyses 12. Intro to Statistical Analysis 13. Managing Risk in Projects and Processes 	<ul style="list-style-type: none"> • Process Mapping • Comparative Plots • Scatter Plots • Failure Mode Effects Analysis
Friday	<ol style="list-style-type: none"> 14. How can I improve and control my Process? 15. Lean Methods 16. Control Methods 	<ul style="list-style-type: none"> • 5S/Standardized Work • Value, Waste and Flow • Mistake Proofing • Control Plans

Notes:

1. This agenda is flexible. Instructor led modules may shift as necessary based on class needs and focus.
2. Case Studies and Simulations will be used throughout the program to enhance learning