



## Six Sigma Training – Designed To Meet Demand for Continuous Improvement

For info or to enroll, contact Tami Russell  
[trussell@pdi.org](mailto:trussell@pdi.org) • 940.783.7270 • Enroll online at [pdi.org](http://pdi.org)



Your organization can benefit from teaming up with the Professional Development Institute and the University of North Texas to participate in customized Green Belt, Lean Six Sigma programs focused on quality management techniques.

This course is designed to allow attendees to gain an understanding of Six Sigma DMAIC (Define, Measure, Analyze, Improve, Control) and Lean Tools

Course offers hands-on exercises, as well as interactive discussions to reinforce learning. Participants of the course will be able to conduct root cause analysis and apply tools to solve their business problems to improve EBITA (Profit Margin) and customer satisfaction

### Course Outline

Lean Tools / Root Cause Analysis / Data Analysis / Kaizen Events / Project Management / Process Control

### About the Green Belt Candidate

The Green Belt candidate is sponsored by company management for certificate training. The candidate has to identify a Project or Business Challenge to solve. Company Sponsor will interview candidate to assess: Aptitude / Willingness / Capability / Proficiency in MS Excel.

The candidate background is shared with UNT faculty.

### To Earn Green Belt Certification

Successfully complete Green Belt Training

Take GB Online. Test within 48 hours after end of class with an 80% or better passing grade

Complete One Project by demonstrating use of tools, documenting process improvement and receiving sign-off by Project Sponsor

Apply for UNT GB certification. UNT Committee will recommend for certification and will issue certification.

## Green Belt Training Dates

Classes are Held From  
**6 p.m. to 9 p.m. on Tuesdays and Thursdays**

**Dec 8/10**  
**Dec 15/17**  
**Jan 5/7**  
**Jan 12/14**  
**Jan 19/21**

This program is offered in a virtual/live format. Get more details by emailing [trussell@pdi.org](mailto:trussell@pdi.org)

## Session Overview

- 1 Welcome / Overview / DMAIC Overview / Managing Teams / Change Management / Project Reviews
- 2 Review / Stakeholder Analysis / RACI / Project Charter / SMART / Project Reviews
- 3 Review / SIPOC / VoC / CTQs / Affinity Diagram / Project Reviews
- 4 Review / VA vs. NVA / Types of Waste / Data Types / Operational Definition / Project Reviews
- 5 Review / Basic Statistics / Measurement System Analysis / Understanding Variation / Project Reviews
- 6 Review / Pareto Chart / Cause & Effect / 5 Why Analysis / Project Reviews

- 7 Review / Correlation vs. Regression / Hypotheses Testing / Project Reviews
- 8 Review / Solution Selection / FMEA / Project Reviews
- 9 Review / Intro to SPC Control Charts / Control Plan / Project Reviews
- 10 Lean VSM / Visual Factory (GEMBA Boards) / Mistake Proof / Standard Work / Project Reviews
- 11 Review / Kaizen Event / PDCA A3 / Project Closure and Replication / Project Reviews
- 12 GB Test / Course Evaluation / Next Steps

### The Lean Six Sigma Team



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