QUALPRO®

Essential Statistical Quality Improvement Techniques

Upcoming seminar

February 6-9, 2018

Knoxville, Tennessee

REGISTER NOW

(865) 927-0491, Ext. 307 • www.qualproinc.com

About Us

At QualPro's core is a relentless passion for continuous learning and growth. For the past 30 years, QualPro consultants have partnered with hundreds of leading companies on thousands of successful improvement projects to achieve operational excellence and maximize profitability. We pride ourselves on leveraging a powerful mix of traditional process improvement principles, including those of Dr. W. Edwards Deming, in combination with cutting-edge analytical tools and advanced statistical methodologies to help our clients realize opportunities for significant savings and improvement.

QualPro's ability to help clients achieve success has made us a world leader in the implementation of quality improvement programs and has solidified our reputation as the process improvement expert. Our vast experience includes partnerships with clients in a wide variety of fields, helping those in financial services, manufacturing, education, and healthcare to maximize profitability and achieve operational excellence. Our training courses have been a pillar of our company since our beginning, arming companies with the ability to identify, prioritize, monitor, and control processes to achieve breakthrough results.

Our Expertise

- Increased Sales
- Increased Revenue
- Improved Employee Satisfaction
- Improved Customer Satisfaction
- Increased Throughput
- Improved Gross Margin ROI
- Decreased Downtime
- Increased Runtime

"I consider QualPro our go-to guys…whenever I'm down and out or I have a business case in need, I call them to the rescue. To witness problems that have been around and pervasive for twenty, thirty years and see them solved in three to six months…It's just incredible."

–Ron Lee, E. I. DuPont, Global Director

"QualPro's application of statistics is not an academic and arcane science. It is practical. It is pragmatic. It is useful, and it's useful because it's simple. It's direct, and it's used in an appropriate way to drive truth into the data."

–Chuck Lawrence, Sauder Woodworking, Vice President

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To request more information about the seminar, please contact QualPro by phone at (865) 927-0491, Ext. 307 or by email at seminars@qualproinc.com.

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Essential Statistical Quality Improvement Techniques Seminar

This four-day seminar teaches the basic techniques of statistical quality control and provides training in QualPro's continuous improvement philosophy. Our seminar content is presented in a simple, step-by-step approach with minimal technical detail and emphasizes the use of basic statistical techniques to uncover opportunities for breakthrough improvement. The course includes applications specific to your industry and examples based off real-world process improvement projects. This seminar will be beneficial to employees from all levels of your organization.

In This Seminar You Will Learn

- Status of quality improvement practices
- How to monitor and control key product characteristics
- How to identify major causes of product defects
- How to sample multi-position processes
- Special techniques for monitoring and controlling batch processes
- Measurement assessment for destructive tests and visual tests
- Charting aesthetic and subjective measurements

Course Outline

Introduction

Targeting Business Results

- QualPro's Four Cornerstones
- Getting Started

Measuring and Assessing Performance

- Measures of Success
- Operational Definitions
- Basic Tools
- Capability Analysis

Validating Measurement Systems

- Measurement as a Process
- Measurement Capability Study
- Measurement Indices
- Measurement Study Tips

Monitoring and Controlling Processes

- Control Chart Theory
- Nonrandomness Tests
- Rational Subgrouping
- Variables Control Charts
- Attribute Control Charts
- Using the Control Chart for Process Improvement

Seeking Continuous Improvement of Results

- Special Cause Analysis
- Gimmes

Achieving Breakthrough Improvement

- Introduction to MVT® Methodology
- Qualpro's 12-Step MVT® Process

Summarizing Basic Concepts

- Case Study
- Finalizing the Initial Action Plan
- The Process Improvement Tracking Matrix©
- What's Next?

"It is not enough to do your best; you must know what to do, then do your best."

- W. Edwards Deming
Statistician, Professor, Author, Lecturer, and Consultant

Contact

To learn more about QualPro's Essential Statistical Quality Improvement Techniques Seminar, please visit us online or call us at the number below.

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"An excellent course. It was taught at a level that accommodated all those present."

–Richard Nyce, Sauder Woodworking, Quality Manager

"Great materials. Thoroughly enjoyed. Better than [other seminars] I've attended. Can't wait to implement teachings."

–Zachary Mays, GAF, Process Engineer

QUALPRO®

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