



Kent State University at Trumbull, Workforce Development & Continuing Studies Center is pleased to offer Quality Systems and Lean Six Sigma Courses to meet your organizational needs.

Details provided below for the following courses:

- **Transitioning to ISO 9001:2015**
- **Safety & FMEA**
- **Lean Six Sigma Yellow Belt**
- **Lean Essentials**
- **Lean Six Sigma Green and Black Belt (Blended, online learning)**

TRANSITIONING TO ISO 9001:2015 (\$525)

Friday, April 1, 2016. 8:30 am – 5:00 pm (8 Hrs)

Is your organization ISO 9001:2008 certified? Are you preparing for the changes and certification to ISO 9001:2015? Don't delay – make plans now to begin the transition process. This workshop is designed for quality managers, internal auditors, and anyone involved in preparing for ISO 9001:2015 implementation. Taught by Exemplar (formerly RAB/QSA) Lead Auditors who have been certified to the new standard, this workshop will provide an overview of the ISO 9001:2015 standard and changes that will impact the quality management system. We will help you prepare and provide you with methods to meet transitional requirements. Sections to be emphasized include organization context, leadership, planning, support, operation, performance evaluation, and improvement. Participants will also receive a copy of the ISO 9001:2015 standard (\$175 value).



Instructors: Tony and Michael Franceschini, Exemplar (formerly RAB/QSA) Lead Auditors

SAFETY & FMEA (FAILURE, MODES & EFFECTS ANALYSIS) (\$375)

Friday, April 8, 2016. 8:30 am – 5:00 pm (8 Hrs)

Workplace Safety is the number one priority in all business environments. OSHA mandates that employers provide a safe workplace, and cites Job Hazard Analysis (JHA) as a primary means to identify, address, and remediate all potential safety hazards. The JHA relates to specific processes resident in the workplace, identifies the potential for accident and injury, and provides the means to prevent the occurrence of the safety hazard.

Application of specific elements of the Six Sigma Define-Measure-Analyze-Improve-Control (DMAIC) method offers a powerful and innovation way to not only develop the required JHA, but more importantly, provide a viable and dynamic preventative means to ensure employee safety in the workplace.

Through facilitated instruction, classroom simulation, and group discussions, class participants will:

- Understand the OSHA guidelines for Job Hazard Analysis
- Learn the fundamentals of Team Oriented Problem Solving
- Develop a DMAIC Process Map & Prioritization Matrix
- Construct a Safety FMEA and calculate the Risk Priority Numbers (RPN)
- Formulate corrective actions to address identified hazards
- Incorporate the Safety FMEA as a Job Hazard Analysis

Instructor: Dan Nicol, Lean Six Sigma Master Black Belt

LEAN SIX SIGMA YELLOW BELT (\$475)

Friday, May 20, 2016. 8:30 am – 5:00 pm (8 Hrs)

The Lean Six Sigma Yellow Belt certification provides a basic level of proficiency in Lean Six Sigma methodologies. Participants will acquire familiarity with Lean and Six Sigma tools to identify opportunities to eliminate waste, reduce costs, and improve process effectiveness in an organization. The Yellow Belt supports continuous improvement programs as a part of project teams, generally with a Lean Six Sigma Black Belt facilitator. A Lean Six Sigma Yellow Belt possesses an understanding of the primary components of the DMAIC process (Define – Measure – Analyze – Improve – Control).

Through facilitator presentation and instruction, classroom simulation, and group discussions, class participants will:

- Understand the general principles of Lean and Six Sigma disciplines
- Describe each of the primary components of the DMAIC methodology
- Gain basic skills in Lean Value Stream Mapping and DMAIC Process Mapping
- Apply appropriate Lean and Six Sigma tools suited for specific project objectives
- Contribute effectively to an organization's Lean Six Sigma team oriented problem solving

Instructor: Dan Nicol, Lean Six Sigma Master Black Belt

LEAN ESSENTIALS (\$495)

Online / Begin Anytime

This series of online courses takes your process improvement to the next level. Learn the tools necessary to identify and remove waste from a process, sustain gains made, and improve the operation and safety of your department. Individuals across all industries who are interested in the concepts of continuous improvement, reducing waste and improving customer satisfaction will benefit from this



program. The program, provided in partnership with The Quality Group, includes a series of short modules and can be completed at your convenience in approximately 10 hours. Topics include: Introduction to Lean Principles, Visual Management, Standard Work, Error Proofing, Changeover Reduction, Workplace Design and Layout, Flow and Pull Systems, Total Productive Maintenance, Theory of Constraints, Eight Wastes, Current and Future Value Stream Mapping, and Kaizen.

Training Provided by: The Quality Group.

LEAN SIX SIGMA GREEN BELT (LSSGB) AND LEAN SIX SIGMA BLACK BELT (LSSBB)

LSSGB: May 10 – Aug 9, 2016 \$2,750

LSSBB: May 10 – Sept 20, 2016 \$4,495

Central to process excellence is the ability to run successful projects and do things as efficiently as possible. These courses provide the skills to effectively eliminate waste, reduce variability, eradicate errors, and improve customer service.

If you are looking to advance your career and build your skills then our Process Excellence (PEX) Institute Online Learning Courses may be just what you need. These courses are taught through “blended online learning” which includes instructor-led virtual classes, online modules and student guides all concentrated on execution. Each course includes rigorous team-oriented capstone project simulation tests which feature hands-on tools, data analysis, simulations, and reviews. To qualify for certification you will need to achieve the minimum average result on each course module. The program is designed for those who want to be at the top of their game and drive real business value.

Training Provider: The Quality Group / PEX (Blended Learning: Instructor-Led Online Courses)

Additional Courses are available (online and instructor-led). Courses can also be customized and delivered to your team at your location. Call for details.

For Questions or to Register for Classes
Call 330-675-8809 or email: lgoetsch@kent.edu