

LEAN SYSTEMS, TRANSFORMATION, & LEADERSHIP ...FOR MANY REASONS

SEMINAR INFORMATION:

Participants will receive a certificate upon completion of all course work in the five seminars and a related project.

Fee: \$995 per seminar

Discounts: 2 registrants – save 10%
5 or more – save 20%

Location: Tiffin University

Cancellation policy: If you cancel five full days before the seminar, your fee will be refunded in full. You are encouraged to send a substitute if your plans change at the last minute.

*To receive discounts, registrations must be placed at the same time.

For program or registration information, email tuconnects@tiffin.edu

Ron Ott: 419.304.5678

Dennis Doren: 419.308.7524



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The Science of Improvement™

Champion Certification Curriculum

The Science of Improvement™



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Lean Systems Transformation and Leadership. Champion Certification Program is an overall business and cultural analysis of standardization, employee empowerment and continuous improvement.

Learn how to develop and sustain a continuous improvement system that streamlines your entire organization, instead of implementing only a few production-line tools. Discover how to motivate your employees to embrace change, as well as create accountability, empowerment and responsibility. You will learn how to integrate technology, social systems and culture, and meet customer lead times by controlling flow and cut costs by adjusting and limiting inventory.

FOUNDATIONS OF LEAN MANUFACTURING

February 1 - 3, 2022

8 a.m to 4 p.m. Osceola Theatre, Tiffin Campus

You will learn:

- Statement of principles and core values
- The history and foundations of the Toyota House
- The role of Henry Ford, Taiichi Ohno, Shingo and Deming
- Craft, mass and lean production
- Base for improvement using 5s and standards
- Muda (8Wastes)
- SMED
- Sociology and culture of improvement
- Systems thinking
- Shared vision
- Assessment/implementation strategy
- Key measurables
- Business strategy/Policy deployment/Hoshin Kanri
- SWOT Analysis: A vital few objectives
- Goal setting
- 6S
- Standardization

TEAM BASED PROBLEM SOLVING

March 1 - 3, 2022

8 a.m to 4 p.m. Osceola Theatre, Tiffin Campus

You will learn:

- Visual management and information systems
- Poka Yoke
- Quality Circles Team building and organizational structures
- Roles of supervision
- Five whys
- Corrective actions and 8-Ds
- Training and development
- Defective/scrap reduction
- Standards or work instructions
- Problem-solving
- Safety and ergonomics
- Quality
- Lean and Six Sigma integration
- Total predictive maintenance
- Machine efficiencies
- Customer orientation
- Employee empowerment
- Kata

TIME-BASED MANAGEMENT/ CONTINUOUS FLOW

April 5 - 7, 2022

8 a.m to 4 p.m. Tiffin Campus

You will learn:

- Plant layout
- Foundations of industrial engineering/time and motion studies
- Work measurement
- Cycle times
- Lead-time analysis
- Customer requirements/TAKT Time
- Flow and spaghetti charting
- Leveling/balancing
- Cellular manufacturing
- Standardized work
- W/P Analysis and batch sizing
- Flexibility of workers (Shojinka)
- Compensation systems
- Paper Kaizen
- Profit/gain sharing
- Cost analysis
- Kanban
- Machine-controlled crew size
- Kaizen

VALUE-STREAM MAPPING

May 3 - 5, 2022

8 a.m to 4 p.m. Osceola Theatre, Tiffin Campus

You will learn to see the big picture:

- Understand the importance of product family identification and strategy
- Value-stream map a current process or concept
- Identify areas of waste in your product family
- Brainstorm a future lean state map to eliminate waste
- Understand how to use the value-stream map to layout equipment
- Review implementation plans and Kaizen workshops
- Establish the metrics to follow



LEADERSHIP

June 7 - 9, 2022

8 a.m to 4 p.m. Osceola Theatre, Tiffin Campus

You will learn:

- Risk
- Empathy
- Guidance
- Discovery learning/creativity and innovation
- Morale
- Reducing barriers (internal and departmental)
- Needs/value
- Fear
- Teaching servant and situational leadership value(s)
- Change (management)
- Emotional Intelligence
- Social and self-sciences
- Coaching
- Patience and perseverance

You will examine:

- Application of the psychology of beliefs, wants and needs to transform the organization
- Essential personality characteristics for the transformational agent of change
- Who should lead the implementation
- How this will be integrated into the overall implementation plan
- Technical systems that need leadership support of initiatives, such as suggestion systems, benchmarking and best practices

SIX SIGMA

July 11 - 15, 2022

8 a.m to 4 p.m. Osceola Theatre, Tiffin Campus

You will learn:

This course work will prepare individuals to take the ASQ Green Belt and Black Belt Certifications.

EXPERT INSTRUCTION

Dennis L. Doren

Dennis L. Doren is the founder and president of Lean Systems Inc. He has developed an implementation system with a specialty in social skills, technical tools and leadership for higher education and industry, where he spent 30 years. Doren has taught business, leadership and continuous improvement techniques to over 9000 people and consulted over 70 different companies founded on the principles of the Toyota Production System. Doren is currently assisting several regional companies in their transformation specializing in data, consensus and team-based transformation (quality circles). He is also working with local business executives on international growth strategies and has accepted several executive positions in addition to traditional consulting responsibilities. Doren was one of the original resources and keynote speakers for the first four Honda Lean supplier conferences and a preferred trainer for the Honda SQE Leadership team, and was the first in the nation to develop the black belt certification program. He has built several programs for higher education and served as the Director of Lean Systems through the Center of Applied Technology and continuing education at BGSU, as well as developing undergraduate and graduate courses. Doren has experience in development, teaching, and implementation in strategy, sales, cost analysis/quoting, systems analysis, human resources, industrial engineering, material control, safety and ergonomics and has received various awards for his achievements.

Doren also developed the original Lean program for Cooper Tire and Cooper Standard. He served on a divisional strategic team prior to acquisitions and mergers and the initial Lean steering committee. His Lean program was selected and acknowledged for presentation at Honda and Chrysler Key Supplier conferences. The Kaizen format team leader workshop and World Class Supplier Program were benchmarked for Chrysler suppliers.

Lean Systems has partnered with JMAC (Japanese Management Association Consultants) as well as IALP (International Association of Lean Practitioners – retired Toyota executives) to offer additional resources.

Ron Ott

Ron has been a partner with Lean Systems since 2006, training multiple organizations (manufacturing and non-manufacturing) in systems thinking and best practices. While education is the primary objective, his value stream mapping and Six Sigma training has yielded over \$50M in actualized savings. Ron earned his mechanical engineering degree from the University of Toledo. He taught several classes part-time for the Engineering Department at the University of Toledo from 2001-2011 as well. Ron started his career with Cooper Tire and Rubber Company serving the following roles: Senior Process Engineering Technician, Process Engineer and Continuous Improvement Administrator (managing both the Industrial Engineering and Continuous Improvement Teams). He then went on to consulting Lean techniques, quality control and best business practices. This greatly broadened his experience gaining a background in food, retail, health care and service industries. He also served as the President and COO of Phoenix Technologies (2013-2019).