



Lean Six Sigma Black Belt Certification Series

Intensive eight-day program to reduce costs and increase profitability

Does your company struggle with high variability/scrap, recurring issues, or inefficient business processes? Are you under constant pressure to reduce costs? In this series designed specifically for small and mid-size manufacturers, learn how to apply Six Sigma principles to improve your entire enterprise.



Use proven data-driven tools to reduce costs

In WMEP's Lean Six Sigma Black Belt Series, you will work with real-life data from your company to increase precision and reduce variability using root cause analysis based on DMAIC (Define, Measure, Analyze, Improve and Control) principles. **Graduates of WMEP's Six Sigma Black Belt training have seen an average reduction of \$150,000 in their company's cost of manufacturing.** You will also learn ways to build on what you learn and how to sustain these savings over time.

Take-Aways

Upon successful completion of the course, you will be able to:

- Use basic tools such as Cost of Quality, Pareto Analysis, SIPOC, Fishbone, 5-Why, Control Charts, Cpk, 5S, and Kaizen
- Use advanced tools such as Normality, T-test, Gage R&R, Design of Experiment, Regression, Correlation, and Control Plans
- Apply Lean techniques to sustain Six Sigma culture in the organization
- Receive Lean Six Sigma Black Belt Certification upon successful completion of the training project

- Prerequisites:**
- Basic understanding of Six Sigma (prior certification not required)
 - Minitab or equivalent software
 - Laptop

Contact us for dates of upcoming courses and registration information.

We're successful because we want the same things you do including:



Cost & Efficiency - Increasing profitability through waste and downtime reductions, improved materials usage and operations, grant utilization and financial systems.



Growth - Growing revenues by reaching new customers and markets, new product development, exporting, adding capabilities through strategic hires, and improved employee productivity.



Winning Culture - Developing an environment and processes that attract and retain talent, grow employees' capabilities, and create an empowered workforce.



Certification & Compliance - Pursuing certifications that set a company apart as well as certifications needed to fulfill local, state, national and international qualifications and to achieve awards and grants.

WMEP's Value Proposition

How we're different	Why it matters	How clients benefit
We are an end-to-end solution. From supply chains to sales, we have the capability and networks to positively impact your business.	We understand the contributions of the pieces to the whole and use this understanding to help you optimize your enterprise.	We can identify the most impactful enhancements to make to your business to help you achieve your objectives.
We have extensive experience across all major manufacturing industry sectors in Wisconsin.	Our breadth and depth of experience working on projects and companies similar to yours increases our speed and effectiveness.	It takes less time for our staff to learn your business and objectives. We apply proven solutions to your business challenges.
We are all about manufacturing. We work with everyone and anyone who is committed to the success of manufacturing in Wisconsin.	We get manufacturing, and we're ready to roll up our sleeves and get to work to help you be successful and achieve your objectives.	In addition to our experienced and talented staff of experienced manufacturers, we provide access to our extensive national networks of industry experts.
We are evaluated by the results we produce for your organization. Your success is our reward.	Our objectives are aligned. We only recommend solutions that will help you achieve your business objectives.	Since the year 2000 we have generated over \$3.0 billion in total financial impact for our state economy, averaging slightly over \$450,000 per project.



WISCONSIN MANUFACTURING
EXTENSION PARTNERSHIP

We're here for the makers, for the creators, for the craftsmen. For the visionaries. For those who work late nights and early mornings. For those who sweat every detail to make sure that what they make is perfect every time.

We're here to help businesses become more competitive. More efficient. More powerful.

We're here to help companies grow, creating more jobs and providing a stable base for their communities.

We're here to roll up our sleeves and get to work. Because we know it is not enough to have ideas. You have to act.

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Contact us today for more information, with no obligation, at 877-856-8588, email: wiora@wmep.org or www.wmep.org