

Lean Six Sigma Green Belt Training

Michael Arnold

Innovative Complex Problem Finding Trainer

Lean Six Sigma Master Black Belt and 2X TEDx Speaker

Maxwell Leadership Team Speaker & Coach



MICHAEL ARNOLD

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PROTEAN QUALITY SYSTEMS

Concentrated Lean Six Sigma Green Belt (5 days plus 3 coaching days)

Six Sigma is a data-driven approach for eliminating defects and variation in any business process. Six Sigma Belt Training will give participants an overview of the Six Sigma methodology and the key tools required to deploy Six Sigma in their own organizations.

This is a condensed outline following a DMAIC process:

Define:

- Create the Project Charter with a well-defined problem statement.
- Assemble an effective team with defined roles
- Understand the Voice of the Customer and transform them to measurable requirements
- Establish basic Lean standards and measurable project goals for success

Measure:

- Perform hands-on Process Improvements and Measurement System Analysis
- Visualize the key aspects of the current process
- Map the current process including key inputs and customer required outputs
- Create Value Stream Map of the process to identify Lean opportunities

Analyze:

- Learn tools to quickly identify sources of waste and potential root cases
- Evaluate actions to define waste and sources of variation for quick wins
- Develop root cause hypotheses for confirmation studies

Improve:

- Develop improvement hypotheses and link them with potential solutions
- Implement solutions to address root causes via pilot implementation with risk assessments
- Approve and validate potential improvements

Control:

- Improve and validate monitoring and control system
- Update documentation, control plans, standards and procedures
- Monitor long term business metrics to ensure process achieves, short term and long term, improved results.



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Michael's training philosophy is to incorporate stories from his years of experience into the training. These real-world examples give participants a better understanding of what can be difficult concepts.

Michael also uses many hands-on activities to keep the training fun and engaging.

Additional Workshops

- **White Belt (8 Hours)** White Belt Training provides a basic understanding of Lean Six Sigma for everyone in your organization.
- **Career Leadership Training (5 Days plus coaching sessions)** Career Leadership Training is for individual contributors to develop the leadership skills, i.e., project team management, needed for successful performance in your organization.
- **Lean Six Sigma Green Belt (LSSGB) (10 days plus coaching sessions)** Green Belt Training provides team members an understanding of Lean Six Sigma concepts moving them from firefighting to problem solving by delivering a toolbox of teamwork skills, basic lean and Six Sigma tools. Additional coaching and certification is also available.
- **Lean Six Sigma Black Belt (LSSBB) (10 days plus coaching sessions)** Black Belt Training offers the next step in the journey, allowing certified Green Belts to learn advanced Six Sigma tools and leadership skills to solve the most complex problems in your organization. Additional coaching and certification is also available

About Michael

Michael is a problem finder and solver, plus occasional causer. He has worked for over 25 years in quality in the automotive, medical and consumer products industries, earning both Shainin Red X Journeyman and Six Sigma Master Black Belt. He has developed multiple Advanced Problem-Solving teams leading them for over 10 years to almost \$100 million in annual cost savings during this time.

Michael's leadership coach encouraged him to get uncomfortable and start pursuing his dreams. Soon after, he auditioned for a TEDx at an open mic night. This led to his first TEDx in 2018, Teaching Kids Better Problem Solving, with over 135K views on TED.com. Michael gave his second TEDx on The Cure for Lazy Leadership, moving from command and control to adaptive leadership, in 2019. He earned Toastmasters highest honor Distinguished Toastmasters in 2020.

Michael's a certified Maxwell Leadership Team coach, trainer and speaker, speaking on the power of successful storytelling and adapting your leadership style to today's unpredictable environment.

Let Michael help you build your taller spaceship!



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