



FABRICATION (FAB) SEMINARS

FOR CONSTRUCTION

Greg Fuller



Mechanical Contractors Association of America, Inc.

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FAB 101: 4 hours in-person**The Evolution of Fabrication I: Why, How and When (Now)**

For those interested in beginning fabrication, this class will help you start small... but start smart. You may have experienced the increase in efficiency that comes with beginning to fabricate, perhaps with in-house assembly before moving pipe to the field. You may be looking to start up or expand a fab shop. Beginning fabrication does not have to require a huge outlay of money or resources... but it does require advance consideration to be successful. The question today is not 'should we fabricate,' but 'what should we fabricate'?

This class will explore introductory application of fabrication principles to construction processes. It is important to consider not just what resources or equipment you need to fabricate, but also how to approach the process. Chart a course for success by identifying who should be involved in the fabrication process, when they need to be involved, and what input is needed from your various project teams. Just like pieces of pipe and hangers don't stand alone in a fabricated rack, members of the fab shop, field, and project management team cannot stand alone when it comes to decisions about what, how, and when to fabricate.

This class will be of benefit to those who are interested in implementing or developing fabrication operations. Project Managers, New Fab Shop Managers, Field Personnel, and Operations Managers are encouraged to join this discussion of how resources must be aligned with strategy for successful fabrication.

FAB 102: 4 hours in-person**The Evolution of Fabrication II: Implementing Manufacturing Process for the Construction Industry**

Fabrication is efficiency and can positively impact speed, cost, and accuracy. Intended for those who have some familiarity with fabrication, this class will explore a concept that is both critical and often overlooked when it comes to fabrication: the mindshift from 'fabrication' to 'manufacturing.'

What's the difference? You can stick build under a roof and call it 'fab.' Assembling pipe and building hangers in a shop is a good start, but it is only the beginning. Greg will lead an interactive conversation about industry transition, encouraging out-of-the-box thinking from participants to imagine 'what's next.' This class focuses on shifting the fabrication model from product to process and developing strategies for implementing, improving, and excelling at fabrication.

This class will explore how to fab smarter, by thinking differently. Learning how the principles of manufacturing can be applied to the mechanical industry will change the way you approach fabrication. In the words of American designer and inventor Buckminster Fuller (no relation), "“You never change things by fighting against the existing reality. To change something, build a new model that makes the old model obsolete.”"

This class will be of benefit to Fab Shop Managers, Project Managers, Operations Managers, and Company Executives interested in expanding their fabrication process. Regardless of your company's current capacity, there is opportunity to develop processes that lead to increased project success and profitability, by transforming the way you look at fabrication.

**About the Instructor:**

Greg Fuller is Owner and CEO of North Mechanical Contracting, Inc., North Mechanical Services, Inc., NewJac Industrial, LLC, and Integrated Modular Construction, LLC. In addition to being an MCAA Past President, Greg is Past Chair and a current member of the association's Project Management Education Committee, and an active instructor in the Institute for Project Management, Advanced Institute for Project Management, and Field Leaders Conference.

He regularly speaks at Hanson Wade's Advancing Prefabrication Conference. In his two decades of educational service, Greg has taught classes on a variety of mechanical contracting subjects to audiences ranging from new hires to Field Leaders, from senior project managers to Operations Directors. His areas of instructional expertise include leadership, cost control, and fabrication.

Greg joined North Mechanical in 1991 as a Superintendent, transitioning to Project Manager. He joined the company's leadership as Vice President, and purchased the company in 1997, becoming President and Owner. Under his leadership, the company has grown by over 600% in the last 19 years.

Both as a mechanical contractor and an educator, Greg is passionate about innovation, smart growth, and looking at 'what's next.' Since first receiving his journeyman plumber's status in 1985, he has focused on these principles to drive his own success and develop the skills and talents of those around him.

Contact Information:

Contact Greg at **317-610-2627** or greg@northmechanical.com.

About the National Education Initiative (NEI):

MCAA will bring lifelong learning directly to you! The National Education Initiative Seminars are our best MCAA/MSCA programs—brought to your local association or even your company. Our goal is to provide ongoing and advanced education and training in support of individual and association growth across the mechanical contracting industry. We offer standard and custom-designed classes exclusively for your association or company's unique needs and challenges. If you need training quickly or have a large group, we are here to help!

For more information or to schedule a course:

Contact **Priya Nirmal** at **301-869-5800** or pnirmal@mcaa.org.

