

Professional Profile

Richard Titus
Ph.D., MBB Consultant



Qualifications:

PhD in Industrial Engineering at Penn State University, May 2019
Research focus on Supplier Selection
Lean Six Sigma Master Black Belt
Lean Enterprise Application Specialist
Certified Production and Inventory Management (CPIM)
M.S. in Manufacturing Systems Engineering, Lehigh University
B.S. in Industrial Engineering, Lehigh University

Notable Clients:

Faurecia Clean Mobility (World-Wide Tier 1 Auto Parts Supplier) Columbus, IN
Glatfelter Paper Company, Spring Grove, PA
Hertz Rental Car Company, Orlando, FL and Phoenix, AZ
Olympic Steel, Cleveland, OH
Ignacio Gomez CIA IHM S.A., Bogota, Colombia
Packaging Corporation of America, Trexlertown, PA
R.H. Sheppard Company, Hanover, PA
Siemens Medical Division, Malvern, PA
Siemens Power Generation Division, Orlando, Florida
The Crayola Company, Easton, PA
NeliPak, Whitehall, PA
Tobyhanna Army Depot, Tobyhanna, PA
Ventura Foods Inc., Chambersburg, PA
OraSure, Bethlehem, PA
Hain Celestial Group, Inc., Mountville, PA

Richard Titus started his Lean Six Sigma journey in 1998 as a Wave I Master Black Belt (MBB) at Ingersoll-Rand. Since then he has led or participated on seven successful large-scale deployments around the world and worked at over 50 companies supporting Lean Six Sigma projects.

Rich's broad experience ranges from hands-on leadership of continuous improvement and Lean initiatives in multiple industries to teaching in a variety of academic and corporate environments. He has worked with dozens of organizations directing their Six Sigma Process improvement and Lean Enterprise deployments, training and project management efforts working on hundreds of projects. These organizations represent a wide range of industries including defense, energy, medical and consumer products with products varying from highly engineered low volume to high volume consumer products. Improvement projects for these organizations have focused on areas which include: risk analysis for sales, marketing and procurement; cycle time improvements for variety of support service processes; design of experiments for process optimization; human resources; supply chain design; inventory management; safety and worker's compensation; sales and marketing; information systems projects; measurement systems analysis for service and manufacturing; manufacturing defect reduction on a variety of assembly and testing processes. Six Sigma program results include \$50+MM savings and national recognition for best initial Six Sigma deployment at EMCON Technologies and Operational Excellence at Faurecia. Rich also creates and provides training for the introduction and application of Lean Enterprise solutions and includes the use of these techniques to complement Six Sigma project solutions. He lead a design team from a Colombia manufacturing firm in designing a state of the art Lean pump manufacturing plant.

In August of 2000 Rich began teaching as a Visiting Instructor in the Management Department of Lehigh University's College of Business following a 20-year career at Ingersoll-Rand. Dr. Titus has taught Manufacturing Operations and Organizational Behavior courses, Design of Experiments, and graduate courses including Transportation and Logistics and Applied Supply Chain models. He is currently an adjunct instructor at Lehigh and has taught as a guest lecturer in the Six Sigma Minor Program at Penn State University, where he recently completed his Ph.D. program in Industrial and Manufacturing Engineering. He has presented his graduate research in Supplier Selection at three INFORMS national conferences and was nominated for IIE's Doctoral Colloquium Award and is a regular conference speaker at a number of national Lean Six Sigma Conferences.

Rich and his wife Lisa, reside in Bethlehem, PA and have two adult daughters.