



SYSTEMS LEADERSHIP: systems building

SIX SIGMA GREEN BELT CERTIFICATION

This 8-day course extends work done in Yellow Belt training and provides a deeper understanding of the Six Sigma methodology and its tools and techniques. Within Six Sigma, a Green Belt is able to lead projects that have the improvement potential of up to \$100,000. A Green Belt is well-versed in all the improvement tools and techniques used in Six Sigma.

Prerequisite: Yellow Belt Training/Certification

NOTE: Days 4-8 training is not taken immediately after Days 1-3 training. In between these two training sessions, the Green Belt candidates are given specific homework assignments. It is suggested that these assignments last a minimum of 2 weeks and a maximum of 4 weeks.

Outline:

Days 1 – 3:

- Review of Yellow Belt Training
- Six Sigma Green Belt Projects
- Six Sigma Green Belt Tools

Days 4 – 8:

- Review of Week 1 Green Belt Training and Class Project
- Advanced Six Sigma Tools
- Advanced Statistics
- Project Reviews
- Green Belt Certification Exam



CHRIS WHITE: instructor bio

Mr. White leads the system dynamics (SD) and other modeling and simulation efforts at ViaSim. Prior to this role, he was Vice President of Operational Risk Management at Bank of America where he developed models and simulations to help the bank understand the short-term and long-term risks associated with various strategic decisions, such as outsourcing and major reductions in workforce. Before Bank of America, Mr. White worked several years as Director of Program Management at Decision Dynamics, Inc. (DDI) where he developed several program management (PM) simulation tools for the defense acquisition community under the Small Business Innovative Research (SBIR) program and commercial ventures. These tools covered design, production management, project management, and operations and support (O&S) of military weapon systems, as well as resource allocation and supply chain management. Mr. White was responsible for applying these simulation tools to military weapon system programs to increase the management skills of program managers, evaluate alternative system designs, and reduce total ownership cost.

Mr. White holds a B.S. in Aerospace Engineering from the Massachusetts Institute of Technology (MIT) (1990) and a M.S. in Engineering Management from the University of Michigan (1992). He has published three books, *Strategic Quality Management* (Thomson Learning, 1998), *System Dynamics in Business* (Quality Press, 1998), and *Process Improvement Through Modeling and Simulation* (Quality Press, 1997), and has published numerous articles in the fields of simulation-based acquisition (SBA), TQM, leadership, project management, and strategic management. He is also a Senior Member of the American Society for Quality (ASQ), a Six Sigma Lean Master Black Belt (MBB), and a Certified Manager of Quality / Organizational Excellence (CMQ/OE).



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