

Overview:

The term Six Sigma relates to the number of mathematical defects in a process. To achieve Six Sigma quality a process must produce no more than 3.4 defects per million. Six Sigma practitioners focus on systematically eliminating defects to get as close to zero defects as possible. It is a data-driven approach and methodology for eliminating defects in any process, whether it is manufacturing or transactional. In addition to reducing variation in products and fewer defects, Six Sigma projects typically generate shorter cycle times, increased capacity and throughput, lower costs and higher revenues. The Xavier Leadership Center offers a comprehensive approach that incorporates the proven Six Sigma method. Participants at each level of Six Sigma (Yellow, Green and Black Belt) will learn concepts, tools and techniques to apply Six Sigma to their work.

**Six Sigma Yellow Belt: 1 day****Facilitator: Denny Evans**

This program is the first step in helping individuals play a leading role in implementing Six Sigma through project teams and individual contributions. **Six Sigma Green Belt and Black Belt Certification** are the next steps in providing deeper knowledge and applied experience in Six Sigma. In **Six Sigma Yellow Belt** you will be introduced to the world of Six Sigma -- how it “works”, the language, tools, and the outcomes. Through case studies, you will learn and discuss how businesses like Motorola and GE, have reinvented their companies by meeting Six Sigma standards. You will learn how quality management has evolved into a process for sustained excellence, studying specific tools used by experts to help achieve these results. You will also develop a greater appreciation for your role in implementing Six Sigma principles and practices.

Six Sigma Green Belt: 3 days**Facilitator: Denny Evans**

Six Sigma Green Belt Certification will help you develop deeper knowledge and experience in Six Sigma, enabling you to play a more active role in delivering Six Sigma results to your organization. **Six Sigma Green Belt Certification** also helps enhance your credibility as a knowledgeable practitioner in the area of Six Sigma, so others will be more responsive to your recommendations and requests.

Six Sigma Green Belt Certification enables you to confidently contribute to Six Sigma projects and provide expertise and recommendations using Six Sigma tools with your functional teams. Through demonstrations and hands on exercises you will learn and apply the statistical tools that are

fundamental to the DMAIC model, so you will be prepared to apply these to your own work. You will discuss your specific issues and challenges and identify the best approach and tools to drive improvement. Additionally, you will learn how to integrate the tools of Six Sigma and problem solving techniques, to engage *others* to deliver Six Sigma results, as well.

Six Sigma Black Belt: 4 ½ days

Facilitator: Denny Evans, Debbie Curl-Nagy

With our ***Six Sigma Black Belt Certification*** program, not only will you develop the comprehensive knowledge needed to earn certification, but you will practice applying that learning throughout the program. This hands-on and project-based program will enable you to expand your knowledge in Six Sigma and turn that knowledge into action that delivers measurable improvements in business performance. You will practice sophisticated statistical decision-making tools and learn how to communicate and leverage results from these analysis to impact behavior, decisions and ultimately, delivery of the level of quality required for Six Sigma and customer satisfaction excellence.

You will discuss your specific issues and challenges and identify the best approach and tools to drive improvement. Additionally, you will learn how to integrate the tools of Six Sigma and problem solving techniques, to engage *others* to deliver Six Sigma results, as well.



These courses are all PMI certified, and each hour of instruction qualifies for PDUs to fulfill the Project Management Professional (PMP) continuing certification requirements. Xavier Leadership Center is a Registered Education Provider for PMI.

Facilitators:



Dennis (Denny) Evans leads Xavier's Lean Certification and Six Sigma Programs. Denny brings more than 30 years of business experience, including senior operations and engineering management positions with Procter & Gamble and Belcan. Denny has been teaching project management and process excellence for 12 years and has 18 years of adult training experience. His breadth of experience allows him to share both his knowledge and expertise in managing projects and processes within organizations from a number of industries. Denny has his Professional Certification in Project Management (CPM) and Master Level Certification in Project Management (MCPM) from Xavier University. Both certification credentials are in alignment with the Project Management Institute's (PMI's) Project Management Body of Knowledge (PMBOK).



Debbie Curl-Nagy has over 15 years of experience providing expertise in change management, continuous improvement and effective decision making initiatives. Her depth of expertise includes facilitating and implementing GE Work-Out and the Change Acceleration Process (CAP). Debbie brings a wealth of experience from her work in both the private and public sector. She has facilitated Change Management and process excellence training and coaching to organizations across the country.