

LEAN SIX SIGMA GREEN BELT TRAINING

- WHAT:** A four day training event leading to a Lean Six Sigma Green Belt Training Certificate and 32 PDU's
- WHEN:** October 19-22
- WHERE:** The Keller Graduate School of Management
- COST:** Class, text and Certification Test: \$1400, Early Bird by October 12th, \$1600 October 13th and later
- TEXTS:** "Six Sigma DeMystified, A Self Teaching Guide", Paul Keller, McGraw Hill, 2005, "The Six Sigma Handbook", Thomas Pyzdek, McGraw Hill, 2003. On line practice exams by Quality America
- SPONSORED BY:** PMI Mile Hi and *AVR Associates, LTD*
- INSTRUCTOR:** Dave Dirks
- SIGN UP AT:** <http://www.onepmi.org/PMIWeb/default.aspx?compid=1000>
- COURSE NUMBER:** SSGNLBT

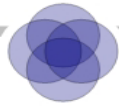
Now is the time to upgrade your skills. Anyone who has recently looked for a job or done consulting knows that a basic knowledge of Six Sigma is a key differentiator. This class will get you started and you'll not find a better value for the money.

2007 marked the twentieth anniversary of Six Sigma. The program grew out of a process improvement effort between Motorola and Unisys. It has evolved to become a major force the set of tools a company or individual may use to improve business performance. Roughly 50% of Fortune 500 companies and over 80% of Fortune 100 companies have active Six Sigma programs. It is increasingly used in service (non manufacturing) environments to improve processes and business performance. The Air Force has AFSO 21, which has Six Sigma as a key component. Most other DoD entities have similar programs aimed at improving operational performance. Whether an operation is actively involved in implementing Six Sigma or not, the philosophy of managing by fact, using proven tools and following an agreed upon discipline is very useful.

This fast paced, four day seminar gives students an understanding of Six Sigma, what it is and what it is not.

The Green Belt is intended for students who are interested in becoming Six Sigma practitioners at a work group or departmental level. The full range of the work processes - DMAIC (Define, Measure, Analyze, Improve and Control) are covered in this course. All the tools a Green Belt is expected to know will be covered in this course.

Lean principles are taught and integrated with Six Sigma as part of the overall toolset which is used to accomplish focused business process improvement.



Additionally we will cover key aspects of the development and implementation of a Six Sigma program. This is key in determining success in the ultimate use of the methodology,

This class will provide an excellent opportunity to learn the Six Sigma methodology and how you can put it into practice in your daily work and your career, whether you are involved in an active implementation or not. The learning objectives for the course are to:

- Understand the benefits and implications of the Six Sigma methodology and its significance in the business environment
- Be able to communicate and understand Six Sigma language and terms
- Use the Six Sigma rating to evaluate the capability of a process or organization
- Understand the use and critical factors within the DMAIC process
- Recognize organizational critical success factors in implementing and maintaining a Six Sigma implementation
- Understand and apply basic Six Sigma tools such as process flow charting, value stream mapping, SIPOC, Pareto Chart, Histogram, Trend Chart, Fishbone Diagram, 5 Whys, FMEA, Statistical Process Control, Design of Experiments and others.

At the end of the class you will be prepared to take an on-line test administered by a leading provider of Six Sigma Training, Quality America, Inc. Upon passing this test you will receive a Green Belt Certificate from Quality America.

AVR Associates, LTD has been reviewed and approved as a provider of project management training by the Project Management Institute (PMI).

As a PMI Registered Education Provider (R.E.P.), *AVR Associates LTD* has agreed to abide by PMI established quality assurance standards.

