



**12 WEEK LEAN SIX SIGMA GREEN BELT
AND PROJECT SUPPORT COURSE
SPECIAL SPRING 2012 PRICING**

**Smyth Education Center (Atkins), or Wytheville
Community College (depending on attendees)
(4 hours a week for 12 weeks)**

**Begins: January 23, 2012- Ends April 9, 2012
\$2,500 PP (Discount available) if two or more from
company or organization**

The [Manufacturing Technology Center](#) offers a 12-week course of Lean Six Sigma Green Belt Training and Project Support. The course presents the Lean SS Green Belt body of knowledge in a hands-on, application oriented manner. Lean SS Green Belt tools will be demonstrated using a project simulation that takes the participant through the D-M-A-I-C process improvement methodology.

The format of this course was developed around a Train-and-Do approach. Participants will meet weekly, 8:30 am – 12:30 pm for the classroom part of the course. The meeting day and location will be determined to fit the needs of the participants. Classroom activities will include a combination of lecture and hands-on simulation exercises.

Each participant will be **required** to have a job related and sponsor approved project, which should be selected prior to the start of the class. The course agenda is intended to lead participants through completion of their individual project. MTC instructors will provide weekly, on-site support to mentor and coach the participants through the completion of these company specific projects.

Course Objectives

- Present the Lean Six Sigma Green Belt body of knowledge
- Demonstrate the use of Six Sigma tools through a hands-on simulated project
- Follow the D-M-A-I-C project methodology
- Have each participant complete a job related project with measurable impact
- Train-and-Do approach
- Weekly, 4 hour class meetings
- Community College Continuing Education Units (CEU's) awarded

Training Topics

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| <ul style="list-style-type: none"> • Intro to Lean Six Sigma • Team Charter • Project Selection • Process Mapping • MSA • Pareto Analysis • Regression Analysis • Gage R & R • Variation • Principles of Lean Manufacturing • Elimination of Waste | <ul style="list-style-type: none"> • DMAIC • Cause & Effect Diagram • $Y=f(x)$ • Fault Tree Analysis • Project Document • Process Capability • Statistical Process Control • DMAIC • Value Stream Mapping • Pull Kanban • 5S System |
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To register, please contact Linda Newman at (276) 223-4709 or lnewman@wcc.vccs.edu.