

# LEAN SIX SIGMA



## Green Belt Training

to prepare for ASQ certification

offered by

**Wytheville Community College**

in conjunction with the Manufacturing Technology Center

Taking registrations for Spring Semester 2018

beginning November 13

Full price \$2,400, your price \$800\*

**Instructor: Nelson Teed**



Wytheville Community College, in conjunction with the Manufacturing Technology Center, is offering a 12-week Lean Six Sigma Green Belt and Project Support course. The course presents the ASQ Lean Six Sigma Green Belt body of knowledge in a simulation workshop application-oriented manner and includes a project simulation that takes participants through the D-M-A-I-C process improvement methodology. The Train-and-Do process uses classroom activities, combining lecture and simulation exercises.

Each Green Belt 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 teach the ASQ Lean Six .

### TRAINING TOPICS

Intro to Lean Six Sigma



Project Selection

Process Mapping

MSA

Pareto Analysis

Gage R&R

Variation

Principles of Lean Manufacturing

Elimination of Waste

DMAIC Process

Cause & Effect Diagrams

$Y=f(x)$

Fault Tree Analysis

Project Document

Process Capability

Statistical Process Control

Value Stream Mapping

Kanban

5S

Sigma Green Belt body of knowledge while leading participants through completion of their individual project. MTC instructors will provide weekly support to mentor and coach participants through the completion of projects.

**Note:** Course fee includes a copy of the book "Six Sigma Demystified," cost of the ASQ certification exam and exam prep.

**For more information, contact Vicki Marrs by phone at (276)223-4717 or email [vmarrs@wcc.vccs.edu](mailto:vmarrs@wcc.vccs.edu).**

**If you are a Virginia resident and qualify, you will only pay 1/3 of the price of the class.** You will be enrolling in this class as a part of the New Economy **Workforce Credential Grant** Program (WCG). As a condition to receiving the grant funds, you will need to agree to the terms and conditions of the WFD Credentials grant.

*\*\$800 is the price of the class if you qualify for the Workforce Credential Grant.*

 WYTHEVILLE COMMUNITY COLLEGE

