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- expand your curiosity
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by attending the Center for Professional Growth

The Center for Professional Growth (CPG) at the University of Pittsburgh at Greensburg provides both formal class instruction for personal enhancement as well as academic or continuing professional education (CPE) through credit and non-credit classes and discussion sessions for adults interested in lifelong learning and cultural and professional enrichment.

CPG participants in the for-credit and continuing professional education courses will receive up-to-date instruction according to the guidelines of their academic or professional program. Participants in the non-credit classes will have an opportunity to study, discuss, debate, and challenge ideas and socialize with others of the same interests without the pressure of exams or grades.

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Center for Professional Growth
150 Finoli Drive
Greensburg, PA 15601

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Center for Professional Growth

2014 Six Sigma Green Belt Certification Course

University of Pittsburgh
at Greensburg
150 Finoli Drive
Greensburg, PA 15601

October 11 - December 6, 2014
Every other Saturday from
8:30am - 5:30pm

Tuition $1,230.25 per student
*10% Company discount if three or more employees enroll

Course requires a minimum of five students and maximum of ten students.

Course Description

Explore the DMAIC (Define, Measure, Analyze, Improve, Control) method of process improvement. Practice using key statistical tools such as Process Flow, Cause Effect (CE), Histogram, R Correlation, Regression, Design of Experiments (D.O.E.), Capability, Sample Size Determination, Binomial Probability, Hypothesis Testing, and Statistical Process Control (SPC).

Course Includes:
*Custom Excel add-in of statistical calculation tools

*Three months of phone/email consultation (project mentoring) upon completion of the class

Course Schedule

October 11 - December 6, 2014

Every other Saturday,
8:30am - 5:30pm

Cassell Hall, Room 117

Oct. 11 - Define and Measure
Oct. 25 - Analyze
Nov. 8 - Improve
Nov. 22 - Control and Course Review
Dec. 6 - Certification Test

Option to complete the Green Belt Certification upon completion of the class (Dec. 6):
Two to three hours of additional class time for certification test

*Course price includes option for certification test

Certification Requirements:

*Provide examples using ten different tools from DMAIC

*Pass a comprehensive exam with a score of 80% or better

Course Prerequisites

Prerequisites for the course are:

*General understanding of basic mathematical functions and algebraic equations

*Proficiency in using Windows-based computer software (primarily Excel 2010 or higher)

*Three to four years work experience

*Interest in analyzing and solving Quality problems

*Leadership or Support role in Quality Improvement Projects

*Passion towards continuous improvement, defect reduction, and customer satisfaction

*Personal access to a laptop computer (Loaner laptops will be available only during scheduled class time)

Instructor

Chris Monks has an extensive background as a Six Sigma professional with nearly 15 years of certified practice. He authored statistical Visual Basic software to deliver more effective use of the DMAIC Tools and led countless cost savings projects in various industries. During his more than 26 years in engineering, manufacturing, and quality, he helped propagate the use of continuous improvement strategies with innovation that produced three US patents. Chris found that the key to success was to simplify the use of complex tools so everyone in the organization could benefit from the power and confidence of statistical methods.

His education includes a Bachelor of Science degree from Penn State University along with certifications in both Black Belt and Master Black Belt. In addition to his current manufacturing position as a Master Black Belt for Ci Medical Technologies, Chris is a private SS consultant and a part-time instructor for the University of Pittsburgh at Greensburg.

2014 Six Sigma Green Belt Certification Course
Registration Fee: $1,230.25
*10% Company discount if three or more employees enroll
Registration Deadline: 2 weeks prior to session (September 26, 2014)

Course
Six Sigma
Green Belt Certification
October 11 - December 6, 2014

Location
University of Pittsburgh
at Greensburg
Cassell Hall, Room 117

Questions? Call 724-836-7743

NAME:	PHONE:
ADDRESS:	E-MAIL:
CITY, STATE, ZIP CODE:	TOTAL AMOUNT DUE:
Account Number/Exp. Date: ☐ Discover ☐ Master Card ☐ VISA	*SIGNATURE:

By registering for this course, I agree that any damages incurred by my actions shall be my responsibility.

Please make check payable to: **University of Pittsburgh at Greensburg**
Remit to: **Center for Professional Growth, 150 Finoli Drive, Greensburg, PA 15601**

CHECK NO.: