



# Black Belt Certification

(Green Belt training is a pre-requisite)

May 6, 7, 8, 2020 | June 4, 5, 2020 | June 23, 24, 2020 | 8:30 am – 4:30 pm

Location:

Manufacturers Resource Center | 7200A Windsor Drive  
Allentown, PA 18106 | [www.mrcpa.org/events](http://www.mrcpa.org/events)



Dr. Rich Titus

Experience the MRC difference in Six Sigma when you train with Master Black Belt, Dr. Rich Titus, who will bridge the gap to practical implementation and assist you in the actual implementation of the project you choose to drive change on a real organizational issue. Successful completion means you are improving product quality, enhancing customer service and saving your company money. Project mentoring is expected, not optional, and your instructor goes above and beyond to ensure you are successful.

Course price includes (3) individualized onsite project mentoring meetings. Typically, Black Belt projects save \$50K to \$100K in cost savings in process improvement. Register today!

7 days of Black Belt training will focus on:

- Advanced Regression and ANOVA
- Advanced Capability
- Design of Experiments
- Non-Parametric Distribution(s)
- Logistic Regression

**Benefits** - After successfully completing the Six Sigma Black Belt course, participants will be able to explain multiple regression, perform factorial experiments, determine size calculations needed for experiments, and describe the different types of process optimization

## Program Description

- Hypothesis Testing of Non-Normal Data
- Advanced Multiple Linear Regression
- Correlation
- Logistic Regression
- Design of Experiments (DOE)
- Full and Fractional DOE
- DOE Screening Designs
- DOE Split Plot Designs
- Noise and Variation Reduction in DOE
- Advanced Capability Analysis
- Improve and Control Phase Review

**Cost:** \$4,500/person – Includes (3) individualized onsite project mentoring meetings and subject materials. Also includes continental breakfast, lunch, beverages & snacks. WEDNET Eligible!

For more details and to register, please go to: <https://www.mrcpa.org/events/>