

# Yellow Belt Certification

## Six Sigma

Sep. 17- 18, 2024  
Apr. 16 - 17, 2025

Manufacturers Resource Center Six Sigma Yellow Belt certification course is an intensive 2-day analytical and process-focused training program focused on improving business processes using the DMAIC (Define, Measure, Analyze, Improve and Control) approach.

Participants will create process maps, fishbone diagrams, understand basic statistical measures, complete data demographics exercises, measure and analyze process capability, construct Statistical Process Control (SPC) charts using Minitab statistical software.

### Course Highlights



- Six Sigma Metrics
- Minitab Introduction
- Data Demographics
- Learn and Apply DMAIC Tools
- Process Capability and Analysis
- Hypothesis Testing
- Managing Change
- Hands-on Exercises

Visit [mrcpa.org/events](http://mrcpa.org/events) for full course details.

### Who Should Attend

Those seeking to understand and apply the structured data driven problem solving DMAIC methodology to business processes with the focus on improving results and reducing waste.

### Essential Course Requirements and Prerequisites


A laptop with the *free* 30-day Minitab trial software must be installed no earlier than one week prior to attendance. There are no prerequisites to take this course.

### Instructor | Richard Titus, Jr., Ph.D. Titus Consulting


Richard Titus, PhD, is a Master Black Belt who spent nearly 20 years at Ingersoll-Rand in a variety of positions including operations management, IS, materials management, and manufacturing and design engineering among others. Dr. Titus is certified as a Black Belt and Master Black Belt by Six Sigma Qualtec where he also received his Lean training. He completed executive training with the Mahler Institute, and Demand Flow Technology at the John Costanza Institute of Technology. Rich received his BS in industrial engineering and MS in manufacturing systems engineering from Lehigh University where he has been a lecturer and adjunct faculty member since 2000. In 2019, he earned his PhD in industrial engineering from Penn State University focusing his research on supplier selection. Dr. Titus has supported over 350 Lean Six Sigma projects in over 60+ companies resulting in over \$50 million dollars of real savings.


More information available at [mrcpa.org/events](http://mrcpa.org/events) or contact Nicole Pierce at (484) 655-4873 or [nicole.pierce@mrcpa.org](mailto:nicole.pierce@mrcpa.org).


This course is eligible for WEDnet.


 2 full-day sessions from 8:30 AM – 4 PM

 Sep. 17 – Sep. 18, 2024 (2 days)

 \$850/person. \$775 before 8/20/24  
Meals and course materials included

 Apr. 16 – Apr. 17, 2025 (2 days)

 \$850/person. \$775 before 3/19/25  
Meals and course materials included

 MRC – 7200A Windsor Drive  
Allentown, PA 18106

 Register: [mrcpa.org/events](http://mrcpa.org/events)

\*Fees and times subject to change. Visit [mrcpa.org/events](http://mrcpa.org/events) for current details.