

# Statistical Process Control (SPC)

## 2023

This course is a hands-on, interactive approach to understanding basic statistical concepts that support application of Statistical Process Control (SPC) and process capability analysis methods. Participants will learn about data collection, analysis, and interpretation methods to support process understanding, control, and continuous improvement.

Participants will also be introduced to Minitab statistical software, a global standard for industrial applications. Through activities conducted in the classroom, students will collect, analyze, and interpret data in Minitab and Microsoft XL. Electronic files (pdf versions) will be provided to all students as reference materials.

-  **May 1, 2023**
-  **8:30 AM – 4:30 PM**
-  **\$495/person. \$395 before Mar.3**  
Meals and course materials included
-  **MRC**
-  **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.

## Course Highlights



Participants will be able to take the concepts of the class and use them immediately to implement their own SPC systems across multiple unique operational environments.

- Basic Statistics and Understanding Process Variation
- Process Capability Studies
- Statistical Process Control

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

## Essential Course Requirements and Prerequisites

In order to get the best value for this class, it is strongly encouraged for students to bring their laptops with Minitab Statistical software enabled. A 30-day trial version of the software can be obtained.

### Instructor | Robert Tripp | Six Sigma Consultant, Certified Master Black Belt

With over 20 years of focus in the quality management arena, Rob's breadth and depth of experience combine to enable significant business results in each of his client engagements. He is part of the "original DNA" of Six Sigma, trained and certified as a Six Sigma Black Belt in AlliedSignal's first wave in 1995. By 1998 he acquired his Master Black Belt certification, at which time he began his consulting career. Since then, he has trained, mentored, and certified thousands of Green Belts, Black Belts and Master Black Belts in dozens of companies across several industries around the world.

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).