



# Statistical Process Control (SPC)

May 16, 2019 | 8:30 am – 4:30 pm

At

Manufacturers Resource Center | Hanover Office Plaza  
961 Marcon Boulevard, Suite 200 | Allentown, PA 18109

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



SPC Methodology  
Continuous Improvement Tool

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.

Students will also be introduced to Minitab statistical software, a global standard for industrial applications, and 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.

Due to the interactive nature of the course, students will have opportunities to discuss their specific applications of SPC with the instructor, a seasoned expert who has implemented and practiced SPC across multiple industries over 20 years.

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.

## Course Objectives:

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

**Student Requirements:** 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.

**Cost:** \$350/person | \$300/person if three or more persons

**Instructor:** Robert Tripp, Six Sigma Consultant, Master Black Belt

To register, please go to: <https://www.mrcpa.org/events/>