

STATISTICIAN

Path in Detail

SOFT SKILLS

- Organize Yourself at Work | *E-learning* – 10 min.
- No Problem Communication | *E-learning* – 10 min.
- Problem Recognition | *E-learning* – 10 min.
- Problem Solving I | *E-learning* – 10 min.
- Creative Problem Solving | *E-learning* – 10 min.

CORE CURRICULUM

- Quality 101/Certified Quality Improvement Associate | *Live Virtual* – 9 hrs.

ELECTIVES (PICK 3)

- Introduction to Statistical Concepts | *E-learning* – 1 hr.
- SPC Basics Online | *E-learning* – 5 hrs.
- SPC Advanced Online | *E-learning* – 5 hrs.
- Design of Experiments | *E-learning* – 1.67 hrs.
- Introduction to Measurement and Calibration | *E-learning* – 4 hrs.
- Measurement System Analysis | *E-learning* – 0.5 hrs.
- Measuring Process and Organizational Performance | *E-learning* – 8 hrs.
- Design of Experiments | *Face-to-Face Learning* – 19 hrs.

CERTIFICATIONS

- Certified Quality Improvement Associate
- Master Black Belt Certification

EXPERIENCE 5+ YEARS

SALARY MEDIAN: \$130,000 MEAN: \$151,803

MEMBER VALUE ADDS

Magazines & Journals

- Quality Progress*
- Lean and Six Sigma Review*
- Technometrics*

Best Selling Books

- Statistical Engineering*
- Statistical Roundtables*
- Practical Engineering, Process, and Reliability Statistics*
- Applied Statistics Manual*
- Mistakes in Quality Statistics and How to Fix Them*
- Statistics for Six Sigma Black Belts*

Standards Resources

- ANSI/ISO/ASQ 3534-2:2006: Statistics
- ASQ/ANSI/ISO 22514-6:2013: Statistical methods in process management
- ISO TR 11462-3:2020 Guidelines for implementation of statistical process control (SPC)
- ASQ/ANSI/ISO 16269-6:2014: Statistical interpretation of data

Technical Advisory Groups (TAG)

- ISO/TC 176 on quality management
- ISO/TC 69 on statistical applications

Communities

- Statistics Division
- Six Sigma Forum
- Geographic Communities

